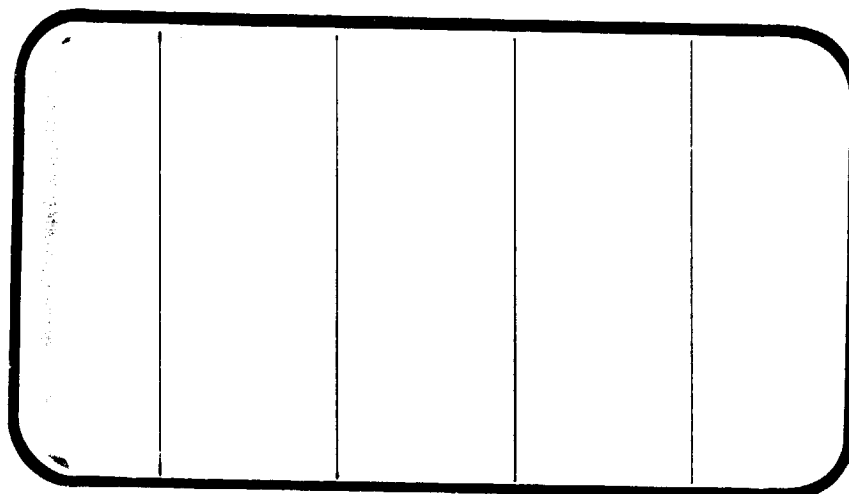




NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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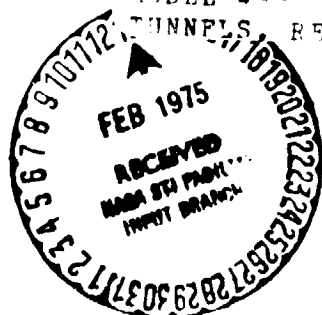
134429



(NASA-CR-134429) RESULTS OF INVESTIGATIONS
(OA77 AND OA78) ON AN 1/15-SCALE 140A/B
CONFIGURATION SPACE SHUTTLE VEHICLE ORBITER
MODEL 40-1 IN THE AFDC VKI B AND C WIND
TUNNELS, REVISION A (Chrysler Corp.) 701 p G3/18

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANAGEMENT services

SPACE DIVISION



CHRYSLER
CORPORATION

January 1975

REVISION A

DMS-DR-2134
NASA CR-134,429

RESULTS OF INVESTIGATIONS (0A77 AND 0A78)
ON AN 0.015-SCALE 140A/B CONFIGURATION
SPACE SHUTTLE VEHICLE ORBITER MODEL 49-0
IN THE AEDC VKF B AND C WIND TUNNELS

By

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Prepared under NASA Contract Number NAS9-13247

by

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for

Engineering Analysis Division
Johnson Space Center
National Aeronautics and Space Administration
Houston, Texas

WIND TUNNEL TEST SPECIFICS:

Test Number: AEDC VA474
NASA Series Number: OA77 & OA78
Model Number: 49-0
Test Dates: 27 November through 4 December 1973
Occupancy Hours: 48

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Chrysler Corporation Space Division assumes no responsibility for the data presented other than display characteristics.

RESULTS OF INVESTIGATIONS (OA77 AND OA78)

ON AN 0.015-SCALE 140A/B CONFIGURATION

SPACE SHUTTLE VEHICLE ORBITER MODEL 49-0

IN THE AEDC VKF B AND C WIND TUNNELS

By R. L. Gillins, Rockwell International Space Division

ABSTRACT

This report documents aerodynamic data obtained from wind tunnel tests of an 0.015-scale 140A/B configuration SSV Orbiter model in the AEDC VKF B and C Wind Tunnels. Tests were conducted at Mach numbers of 6 and 8 in the B tunnel and at a Mach number of 10 in the C tunnel to verify hypersonic stability and control characteristics, determine control surface effectiveness, and investigate Reynolds number effects of the 140A/B configuration.

Force data were obtained for various control surface settings and Reynolds numbers in the angle-of-attack range of 15° to 45° and at angles of sideslip of -5° to $+10^\circ$. Data were obtained for a few configurations at angles of attack from -27° to 45° . Control surface variables included elevon, rudder, speedbrake and bodyflap deflections. The effects of an alternate wing leading edge shape were investigated to determine its hypersonic stability and control characteristics.

The tests, designated OA77 in the B tunnel and OA78 in the C tunnel, were conducted from 27 November 1973 through 4 December 1973.

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SCHEDULE OF PLOTTED COEFFICIENTS:

- A) CL, CD, CDF, CA, CAF, CN, CLMFWD, CLMAFT, L/D, XCP/L VS ALPHA:
CN VS CLMFWD: CL VS CD
- B) DCL, DCD, DCA, DCAF, DCN, DCLMFD, DCLMAF VS ALPHA
- C) CY, CYN, CBL VS BETA
- D) CBL, CYN, CY VS ALPHA
- E) DCLMDA, DCBLDA, DCYNDA, DCY/DA VS ALPHA

NOMENCLATURE General

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C _p	CP	pressure coefficient; $(P_1 - P_\infty)/q$
M	MACH	Mach number; V/a
P		pressure; N/m ² , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$, N/m ² , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
α	ALPHA	angle of attack, degrees
β	BETA	angle of sideslip, degrees
ψ	PSI	angle of yaw, degrees
ϕ	PHI	angle of roll, degrees
ρ		mass density; kg/m ³ , slugs/ft ³

Reference & C.G. Definitions

A _B		base area; m ² , ft ²
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
l_{REF} c	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m ² , ft ²
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

B	base
l	local
s	static conditions
t	total conditions
∞	free stream

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
C_N	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
C_A	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_{AB}	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
C_{Af}	CAF	forebody axial force coefficient, $C_A - C_{Ab}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS_{REF}}$
C_n	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_l	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$

Stability-Axis System

C_L	CL	lift coefficient; $\frac{\text{lift}}{qS}$
C_D	CD	drag coefficient; $\frac{\text{drag}}{qS}$
C_{DB}	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
C_{Df}	CDF	forebody drag coefficient; $C_D - C_{DB}$
C_Y	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
C_m	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS_{REF}}$
C_n	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qSb}$
C_l	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qSb}$
L/D	L/D	lift-to-drag ratio; C_L/C_D
L/D_f	L/DF	lift to forebody drag ratio; C_L/C_{Df}

NOMENCLATURE (Continued)
Additions to Standard List

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
A_{SC}		sting cavity area, ft^2
A_B		model base area, ft^2
C_{ASC}	CASC	sting-cavity axial-force coefficient
C_{AU}	CAU	unadjusted axial-force coefficient
$C_{m_{aft}}$	CLMAFT	pitching moment coefficient about aft center of gravity (.675 x_B)
$C_{m_{fwd}}$	CLMFWD	pitching moment coefficient about forward center of gravity (.650 x_B)
C_{PB}	CPB	base pressure coefficient
C_{PSC}	CPSC	sting-cavity pressure coefficient
$C_{l_{\delta a}}$	DCBLDA	derivative of rolling moment coefficient with respect to aileron deflection, per degree
$C_{m_{\delta a}}$	DCLMDA	derivative of forward pitching moment coefficient with respect to aileron deflection, per degree
$C_{n_{\delta a}}$	DCYNDA	derivative of yawing moment coefficient with respect to aileron deflection, per degree
$C_{y_{\delta a}}$	DCY/DA	derivative of side force coefficient with respect to aileron deflection, per degree
ΔC_A	DCA	incremental axial force coefficient
ΔC_{Af}	DCAF	incremental forebody axial force coefficient
ΔC_D	DCD	incremental drag coefficient
ΔC_L	DCL	incremental lift coefficient
$\Delta C_{m_{aft}}$	DCLMAF	incremental pitching moment coefficient about aft center of gravity
$\Delta C_{m_{fwd}}$	DCLMFD	incremental pitching moment coefficient about forward center of gravity

NOMENCLATURE (Concluded)
Additions to Standard List

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
ΔC_N	DCN	incremental normal force coefficient
P_B		model base static pressure, psi
P_O	PO	freestream static pressure, psf
P_{SC}		sting cavity static pressure, psi
P_T	PT	freestream total pressure, psf
T_m		model temperature, °F
T_T	TT	freestream total temperature, °R
X_{cp}/L_B	XCP/L	center-of-pressure location based on body length
δ_A	AILRON	aileron deflection, degrees ($\delta_{eL} - \delta_{eR}/2$)
δ_{BF}	BDFLAP	bodyflap deflection, degrees; positive deflection trailing edge down
δ_e	ELEVON	elevon deflection, degrees ($\delta_{eL} + \delta_{eR}/2$)
δ_{eL}		left elevon deflection angle, degrees, positive deflection trailing edge down
δ_{eR}		right elevon deflection angle, degrees, positive deflection trailing edge down
δ_R	RUDDER	rudder deflection, degrees, positive deflection trailing edge left
δ_{SB}	SPDBRK	speedbrake deflection, degrees, positive deflection trailing edges out
$\Delta \delta_{eL}$	DLELEV	incremental elevon deflection, degrees
$\Delta \delta_{BF}$	DLFLAP	incremental body flap deflection, degrees
$\Delta \delta_{SB}$	DSPBRK	incremental speedbrake deflection, degrees
$\Delta \delta_A$	DLTAIL	incremental aileron deflection, degrees

CONFIGURATIONS INVESTIGATED

The Orbiter configurations investigated were the basic 140A/B configuration and the same configuration with a modified wing leading edge shape. Configuration buildup runs included bodyflap-off and wing plus bodyflap-off configurations. Dimensional data for the tested components are given in table III.

The tested configuration included the following components:

B ₂₆	Basic 140A/B configuration fuselage
C ₉	Basic 140A/B configuration canopy
E ₂₆	Basic 140A/B configuration elevons for W ₁₁₆
F ₇	Basic 140A/B configuration bodyflap
M ₇	Basic 140A/B configuration OMS/RCS pods
N ₂₈	Basic 140A/B configuration OMS engine nozzles
R ₅	Basic 140A/B configuration rudder for V ₈
V ₈	Basic 140A/B configuration vertical tail
W ₁₁₆	Basic 140A/B configuration wing
W ₁₂₁	W ₁₁₆ with a modified leading edge shape

INSTRUMENTATION DESCRIPTION

Force instrumentation consisted of a six-component internal force balance mounted in the Orbiter sting cavity.

Pressure instrumentation consisted of a base pressure rake and two sting cavity pressure orifices which were plumbed to externally mounted transducers for pressure measurement. See Figure 2c for the location of the orifices.

A single thermocouple was mounted in the Orbiter left hand wing panel to monitor wing bulk temperature changes during extended high temperature runs.

DATA REDUCTION

Force and moment data were reduced to coefficient form in both body and stability axes systems. Base and sting cavity pressure adjustments to axial force were made as follows:

$$C_A = C_{AU} \left[- \frac{(P_{SC} - P_B) A_{SC}}{qS} \right] \text{ (adjusting sting cavity to base)}$$

$$C_{AB} = - \left[\frac{C_{PB} (A_B) + C_{P_{SC}} (A_{SC})}{S} \right] \text{ (adjusting both to free stream)}$$

$$C_{AF} = C_{AU} - C_{AB}$$

The following reference dimensions and constants were used:

<u>Symbol</u>	<u>Definition</u>	<u>Model Scale</u>	<u>Full Scale</u>
AB	see below for base areas		
A _{SC}	sting cavity area	0.03409 ft ²	
b	reference wing span	1.171 ft	936.68 in
\bar{c}	reference MAC	0.5935 ft	474.8 in
L _B	reference body length	1.613 ft	1290.3 in
S	reference wing area	0.60525 ft ²	2690 ft ²
X _{CG}	longitudinal length, nose (IML) to the moment reference center	12.580 in	838.7 in
Y _{CG}	lateral length, plane of symmetry to reference center	0.000 in	0.0 in
Z _{CG}	vertical length, FRP to moment reference center	-0.375 in	-25.0 in

DATA REDUCTION (Concluded)

<u>Symbol</u>	<u>Applicable Pressure and/or Description</u>	<u>Value, ft² (Model Scale)</u>	
		<u>F7 ON</u> <u>M7 ON</u>	<u>F7 OFF</u> <u>M7 ON</u>
A _{B1}	Use with P _{B1}	.0108	.0108
A _{B2}	Use with P _{B2}	.0201	.0201
A _{B3}	Use with P _{B3}	.0103	.0103
A _{B4}	Use with P _{B4}	.0176	.0176
A _{B5}	Use with P _{B5}	.00278	.00968
A _B	Total area	.0615	.0685

Longitudinal center of pressure was calculated as follows:

$$XCP/L = X_{cg}/\ell_B - (CLMFWD/CN) (\bar{c}/\ell_B)$$

DISCUSSION OF RESULTS

The following should be noted in regard to the use of this data:

(1) An uncertainty was introduced in the data at $M = 10$, where shifts in parameters were noted when the model bulk temperature exceeded 450°F . The parameters most affected were C_N and C_m at $\alpha > 30$ degrees; the uncertainty increases with α and temperature. The cause of the shifts, whether aerodynamic or thermal distortion, has not been determined. The data obtained at $T_M < 450^{\circ}\text{F}$ appear to be more consistent and repeatable and should be considered more accurate. The data obtained at $T_M > 450^{\circ}$ are flagged in Table II.

(2) The basic mode of operation was in a continuous α sweep while collecting data. Those data obtained at β other than 0° were collected in a pitch-pause mode. The following run numbers are pitch-pause data obtained to evaluate base pressures at each test Reynolds number:

(a) $M = 6$: 1, 9, and 56

(b) $M = 8$: 66, 74, and 107

(c) $M = 10$: 126, 154, 171, 180

(3) Run number 48 was obtained with the pitch mechanism sweeping in reverse direction ($\alpha = 45^{\circ}$ to 15°).

(4) The following data were obtained with the model at a constant attitude while the model temperature was increasing to evaluate the effects of model temperature on the force and moment data. Data were taken in approximately 25-deg. increments in T_M .

(a) $M = 8$: 65 ($\alpha = 30.5^{\circ}$)

(b) $M = 10$: 125 ($\alpha = 30.6^{\circ}$), 153 ($\alpha = 40.7^{\circ}$)

REFERENCES

Orbiter Lines Configuration Control Drawings:

1. VL70-000140A, Orbiter Configuration Control Drawing MCR 0200 Baseline
2. VL70-000143A, Lines Control, Vehicle Forward Body-Cabin-Canopy MCR 0200 Baseline
3. VL70-000200, Lines Control, Midbody-Wing-Boot Fairing MCR 0200 R3 dated 7-2-73
4. VL70-000145, Lines Control, Aft Body-OMS/RCS Peds, MCR 0200 - R, Baseline
5. VL70-000 146A, Lines Control (Vehicle 4) Vertical Tail MCR 0200 Baseline

Facility Data Report:

AEDC-DR-74-20, Static Force and Moment Tests of a 0.015-scale Rockwell International Space Shuttle Orbiter Model at Mach numbers 6, 8, and 10, Feb. 22, 1974.

TABLE I.

TEST : OA77 and OA78		DATE : 12/4/73	
TEST CONDITIONS			
MACH NUMBER	REYNOLDS NUMBER (per foot)	DYNAMIC PRESSURE (pounds/sq. inch)	STAGNATION TEMPERATURE (degrees Fahrenheit)
5.95	4.6×10^6	4.13	396
5.95	1.9×10^6	1.66	390
5.91	1.0×10^6	0.85	388
5.88	0.6×10^6	0.52	385
8.00	3.5×10^6	3.68	880
7.98	1.8×10^6	1.84	840
7.90	0.5×10^6	0.46	805
10.09	1.9×10^6	2.32	1435
9.93	0.8×10^6	0.95	1300
9.88	0.5×10^6	0.64	1300

BALANCE UTILIZED: AEDC 4-06-Y-36-058

	CAPACITY:	ACCURACY	COEFFICIENT TOLERANCE:
NF	<u>600 lbs.</u>	_____	_____
SF	<u>100 lbs.</u>	_____	_____
AF	<u>30 lbs.</u>	_____	_____
PM	<u>500 in.-lbs.</u>	_____	_____
RM	<u>165 in.-lbs.</u>	_____	_____
YM	<u>100 in.-lbs.</u>	_____	_____

COMMENTS:

TABLE II.

TEST: OA77 & OA79										DATE: 6 DECEMBER 1973									
DATA SET / RUN NUMBER COLLATION SUMMARY																			
DATA SET IDENTIFIER	CONFIGURATION	SCHD. PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS FOR ALTERNATE INDEPENDENT VARIABLE 1												
		α	β	0'	6'		7.3	6.4	8.1	8.2	8.3	10.1	10.2	10.3					
RTNOOL	BZLQgM7VgBSW116	A	0°	-40°-117° 55'	0°		10				92				137				
2	125E26 F7						8								137		172*		
3																			
4																			
5		D	0°								117			106					
6		C	0°								110								
7		A	0°	-30°			33				85				166				
8				-20°			32				84				161				
9				-10°			31				86				165				
10				-5°			15				87				141				
11				0°			16				77				162				
12															162		177		
13																			
14																			
15		20° B																	
16		26°																	
17		30°																	
18		35°																	
* Indicates data where $Tu > 450^\circ F$																			
BETA ALPHA																			
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TABLE II. - Continued.

[illegible]

TABLE II. - Continued.

TEST: OA77 & OA78

DATE: 6 DECEMBER 1973

DATA SET / RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHJ.		PARAMETERS/VALUES				NO. OF HITS	MACH NUMBERS (OR ALTERNATE INDEPENDENT DEPENDENT)										
		A	B	C	R	δR	δB		δR	61	62	63	64	81	82	83	101	102	103
RTN055	B26C9M7V8F5M116	A	0°	0°	0°	43°	55°	0°											
56	N20E26F7																		
57																			
58																			
59																			
60																			
61																			
62																			
63																			

α A: 15° → 45°

α C: -27° → +3°

β B: -5° → 3°

α D: -3° → +27°

MACH NO.	61	62	63	64	81	82	83	101	102	103
56/57 X 10°	1.45	1.3	1.0	0.6	2.5	1.8	0.5	1.9	0.8	0.5
58/59 X 10°	7.6	3.0	1.6	1.0	5.6	2.9	0.8	3.0	1.3	0.8

TABLE II. - Continued.

TEST: OA77 & OA78			DATA SET/RUN NUMBER COLLATION SUMMARY													DATE: 6 DECEMBER 1973													
DATA SET IDENTIFIER		CONFIGURATION	SCMD.		PARAMETERS/VALUES							NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)																
			α	β	δ	θ	ϕ	ψ	χ	γ	ζ	η	ι	κ	λ	μ	ν	ξ	\omicron	π	ρ	σ	τ	υ	ϕ	χ	ψ	ω	
RTN064		B26C9M7V6E5W116	A	0°	15°	15°	117°	55°	0°																				
65		N28E26F7	30	B																									
66			A	0°	15°	15°																							
67					15°	15°																							
68					10°	10°																							
69					10°	10°																							
70					10°	10°																							
71					5°	5°																							
72					5°	15°																							
73					5°	5°																							
74					0°	10°																							
75					0°	10°																							
76					5°	15°																							
77					10°	10°																							
78					15°	15°																							
79					5°	10°																							

TABLE II. - Continued.

TEST: OA77 & OA78

DATE: 6 DECEMBER 1973

DATA SET: RUN NUMBER COLLATION SUMMARY

TEST RUN NUMBER: 1

DATA SET IDENTIFIER	CONFIGURATION	SCHD. PARAMETERS/VALUES							NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)									
		α	β	δ_{25}	δ_{35}	δ_{50}	δ_R	6^1		6^2	6^3	6^4	8^1	8^2	8^3	10^1	10^2	10^3	
RTNO80	BZL Cg M7 Vg Bz W1Z1	A	0°	40°	-117°	55°	0°												
81	N2B E2L F7			0°								55							
82					0°							51							
83						16.3°						52							
84							15°					53							
85	BZL Cg M7 Vg Bz W1L6			0°								54							
86	BZL Cg M7 Vg Bz N2D						0°						102						
87	BZL Cg M7 Vg Bz W1L6	O	0°	0°	-117°								103						
88	N2B E2L F7												118						
89													119						
90													120						
91													121						
													122						
												OA77		OA78					

α OR β

SCHEDULES

OA: 15° → 45°

AB: -5° → 5°

α 0° → 27° → 43°

β 0° → 27°

10° 50' 0"

10° 50' 0"

MACH NO	6 ¹	6 ²	6 ³	6 ⁴	8 ¹	8 ²	8 ³	10 ¹	10 ²	10 ³
RTN/4 x 10 ⁻⁴	4.45	1.9	1.0	0.6	3.5	1.3	0.5	1.9	0.5	0.5
RUEP x 10 ⁻⁴	7.6	3.0	1.6	1.0	5.4	2.3	0.8	3.0	1.3	0.8

TABLE II. - Concluded.

[illegible]

*REVISED 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY - B₂₆

GENERAL DESCRIPTION Configuration A/B Orbiter Fuselage

NOTE: B₂₆ is identical to B₂₄ except underside of fuselage has been
refaired to accept W₁₂₁.

MODEL SCALE: 0.015

MODEL DRAWING: SS A00147, RELEASE 12

DRAWING NUMBER VL70-000143B, 000200, -000205, -006089, 000145
VL70 000140A, -000140B

DIMENSIONS	FULL SCALE	MODEL SCALE
*(OML) Length(Fwd Sta. X ₀ =235), In.	<u>1293.3</u>	<u>19.400</u>
*IML) Length(Fwd Sta. X ₀ =238), In.	<u>1290.0</u>	<u>19.350</u>
Max Width (@ X ₀ = 1528.3) - In.	<u>264.0</u>	<u>3.960</u>
Max Depth(@ X ₀ = 1464) - In.	<u>250.0</u>	<u>7.500</u>
Fineness Ratio	<u> </u>	<u> </u>
Area - Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional	<u>340.88</u>	<u>0.077</u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

*REVISED 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : CANOPY - C₉
GENERAL DESCRIPTION : Configuration 3A. Canopy used with fuselage
B-26.
MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12
DRAWING NUMBER VL70-000143A

DIMENSIONS :	FULL SCALE	MODEL SCALE
* Length ($X_0=434.643$ to 578)	<u>143.357</u>	<u>2.150</u>
Max Width (@ $X_0 = 513.127$)	<u>152.412</u>	<u>2.286</u>
Max Depth (@ $X = 485.0$)	<u>25.000</u>	<u>0.375</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued

*REVISED 4/24/74

MODEL COMPONENT: ELEVON E26GENERAL DESCRIPTION: Configuration 140A/B Orbiter Ele.onsNOTE: Data are for one side.MODEL SCALE: 0.015MODEL DRAWING: SS-A00148, RELEASE 6DRAWING NUMBER: VL70-000200, -006089, -006092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft^2	<u>210.0</u>	<u>0.0473</u>
Span (equivalent) - In.	<u>349.2</u>	<u>5.238</u>
Inb'd equivalent chord - In.	<u>118.004</u>	<u>1.770</u>
Outb'd equivalent chord - In.	<u>55.192</u>	<u>0.828</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.2096</u>	<u>0.2096</u>
At Outb'd equiv. chord	<u>0.4004</u>	<u>0.4004</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Trailing Edge	<u>- 10.056</u>	<u>- 10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
*Area Moment (Product of Area & C) - Ft^3	<u>1587.25</u>	<u>0.00536</u>
*Mean Aerodynamic Chord, In.	<u>90.7</u>	<u>1.3605</u>

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT : BODY FLAP - F₇

GENERAL DESCRIPTION : Configuration 140A/B Orbiter Body Flap

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER VL70-000140A, VL70-000145

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ($X_0 = 1520$ to $X_0 = 1613$) - In.	<u>93.000*</u>	<u>1.395</u>
Max Width - In.	<u>262.000</u>	<u>3.930</u>
Max Depth ($X_0 = 1520$) - In.	<u>23.000</u>	<u>0.345</u>
Fineness Ratio	<u> </u>	<u> </u>
Area - Ft ²	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u>142.6</u>	<u>0.0321</u>
Wetted	<u> </u>	<u> </u>
Base	<u>41.84722</u>	<u>0.942</u>

*Model dim. measured from Model Sta. 15.20

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT OMS/RCS Pods - M

GENERAL DESCRIPTION Configuration 140A/B Orbiter OMS/RCS Pods

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER VL70-000145

DIMENSIONS	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta $X_0 = 1233.0$)-In.	<u>327.000</u>	<u>4.905</u>
Max Width (@ $X_0 = 1450.0$) - In.	<u>94.5</u>	<u>1.418</u>
Max Depth (@ $X_0 = 1493.0$) - In.	<u>109.000</u>	<u>1.635</u>
Fineness Ratio	<u> </u>	<u> </u>
Area	<u> </u>	<u> </u>
Max. Cross-Sectional	<u> </u>	<u> </u>
Planform	<u> </u>	<u> </u>
Wetted	<u> </u>	<u> </u>
Base	<u> </u>	<u> </u>

TABLE III.- MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: OMS NOZZLES - N₂₈GENERAL DESCRIPTION: Configuration 140A/B Orbiter OMS NozzlesMODEL SCALE: 0.015MODEL DRAWING: SS-A00106, RELEASE 5 (Contour)DRAWING NUMBER: VL70-000140A (Location)

DIMENSIONS:		<u>FULL SCALE</u>	<u>MODEL SCALE</u>
MACH NO.			
Length - In.			
Gimbal Point to Exit Plane			
Throat to Exit Plane			
Diameter - In.			
Exit			
Throat			
Inlet			
Area - ft ²			
Exit			
Throat			
Gimbal Point (Station) - In.			
Left Nozzle - In.			
X ₀		<u>1518.0</u>	<u>22.770</u>
Y ₀		<u>- 88.0</u>	<u>1.320</u>
Z ₀		<u>492.00</u>	<u>7.380</u>
Right Nozzle - In.			
X ₀		<u>1518.0</u>	<u>22.770</u>
Y ₀		<u>+ 88.0</u>	<u>1.320</u>
Z ₀		<u>492.0</u>	<u>7.380</u>
Null Position - Deg.			
Left Nozzle:			
Pitch	15°49'	<u>PITCH</u>	<u>YAW</u>
Yaw	12°17'	<u>+ 8°</u>	<u>13°17' OUTB'D</u>
Right Nozzle:			
Pitch	15°49'	<u>+ 8°</u>	<u>13°17' OUTB'D</u>
Yaw	12°17'		<u>2°17' INB'D</u>

*REVISION 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: RUDDER - R₅

GENERAL DESCRIPTION: 2A, 3A, 3 and 140A/B configurations.

MODEL SCALE: 0.015

DRAWING NUMBER: VL70-000146A, VL70-000095, VL70-000139

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
* Area - Ft ²	<u>100.15</u>	<u>0.0239</u>
Span (equivalent) - In.	<u>201.0</u>	<u>3.015</u>
Inb'd equivalent chord - In.	<u>91.585</u>	<u>1.3837</u>
Outb'd equivalent chord - In.	<u>50.833</u>	<u>0.7625</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Trailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
*Area Moment (Product of Area and \bar{c})-Ft ³	<u>610.92</u>	<u>0.00177</u>
* Mean Aerodynamic Chord - In.	<u>73.2</u>	<u>1.098</u>

*REVISED 4/24/74

TABLE III. - MODEL DIMENSIONAL DATA - Continued.

MODEL COMPONENT: VERTICAL - V 8

GENERAL DESCRIPTION: Configuration 140A/B Orbiter Vertical Tail

MODEL SCALE: 0.015

MODEL DRAWING: SS-A00148, RELEASE 6

DRAWING NUMBER: VL70-000146A

DIMENSIONS:

FULL SCALE

MODEL SCALE

TOTAL DATA

Area (Theo) - Ft²

Planform

413.253

0.093

Span (Theo) - In.

315.720

4.736

Aspect Ratio

1.675

1.675

Rate of Taper

0.507

0.507

Taper Ratio

0.404

0.404

Sweep-Back Angles, Degrees.

Leading Edge

45.000

45.000

*Trailing Edge

26.2

26.2

0.25 Element Line

41.130

41.130

Chords:

Root (Theo) WP

268.500

4.028

Tip (Theo) WP

108.470

1.627

MAC

199.808

2.997

Fus. Sta. of .25 MAC

1463.50

21.953

W.P. of .25 MAC

635.522

9.533

B.L. of .25 MAC

0.00

0.00

Airfoil Section

Leading Wedge Angle - Deg.

10.00

10.00

Trailing Wedge Angle - Deg.

14.920

14.920

Leading Edge Radius

2.00

2.00

Void Area

13.17

0.003

Blanketed Area

0.00

0.00

TABLE III. - MODEL DATA (CONTINUED)

MODEL COMPONENT: WING-(W-10)GENERAL DESCRIPTION: Configuration: LWC 4 1/2 in. Slaton Wing

NOTE: Identical to W-10 except airfoil thickness. Dihedral angle is along trailing edge of wing.

Model Scale = 0.015Model Drawing No. VL70-0001108

TEST NO.

DWG. NO. VL70-0001108DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATAArea (Theo.) Ft^2

Planform

Span (Theo. In.

Aspect Ratio

Rate of Taper

Taper Ratio

Dihedral Angle, degrees (at $X_0=1506.623, Y_0=$ Incidence Angle, degrees $105, Z_0=282.75$)

Aerodynamic Twist, degrees

Sweep Back Angles, degrees

Leading Edge

Trailing Edge

0.25 Element Line

Chords:

Root (Theo) B.P.O.O.

Tip, (Theo) B.P.

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

B.L. of .25 MAC

EXPOSED DATAArea (Theo.) Ft^2

Span, (Theo) In. BP108

Aspect Ratio

Taper Ratio

Chords

Root BP108

Tip $1.00 \frac{b}{2}$

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

B.L. of .25 MAC

Airfoil Section (Rockwell Mod NASA)

XXXX-64

Root $\frac{b}{2} = 0.425$ Tip $\frac{b}{2} = 1.00$ Data for (1) of (2) SidesLeading Edge Cuff $\frac{2}{2}$ Planform Area Ft^2

Leading Edge Intersects Fus M. L. @ Sta

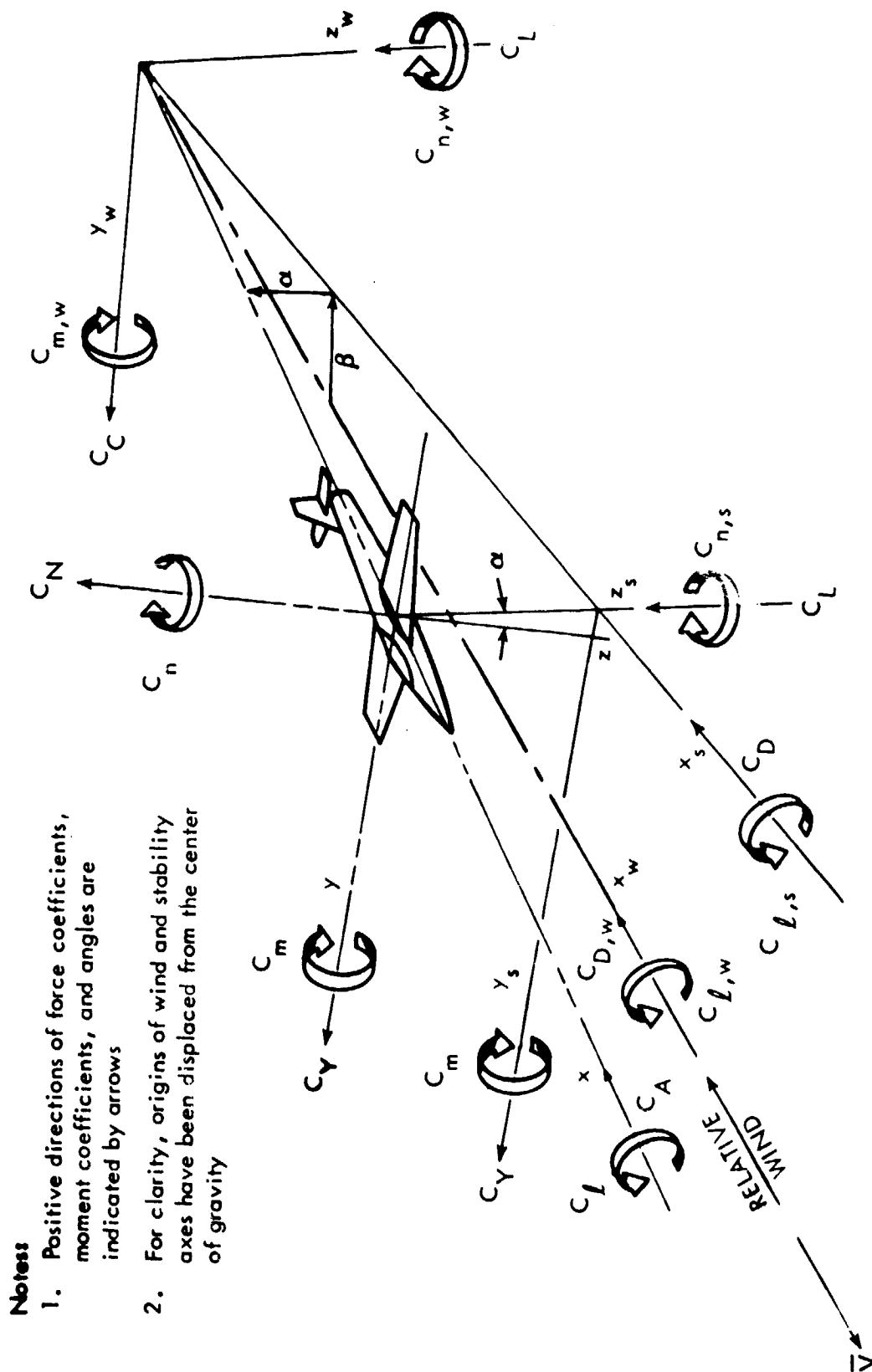
Leading Edge Intersects Wing @ Sta

TABLE III. - MODEL DIMENSIONAL DATA - Concluded.

*REVISED 4/24/74

MODEL COMPONENT: WING-WGENERAL DESCRIPTION: Configuration 4 except airfoil thickness. Dihedral angle
is along trailing edge of wing and modified leading edge.MODEL SCALE: 0.015TEST NO. _____ DNG. NO. VL70-000200, -006089,
VL70-006092

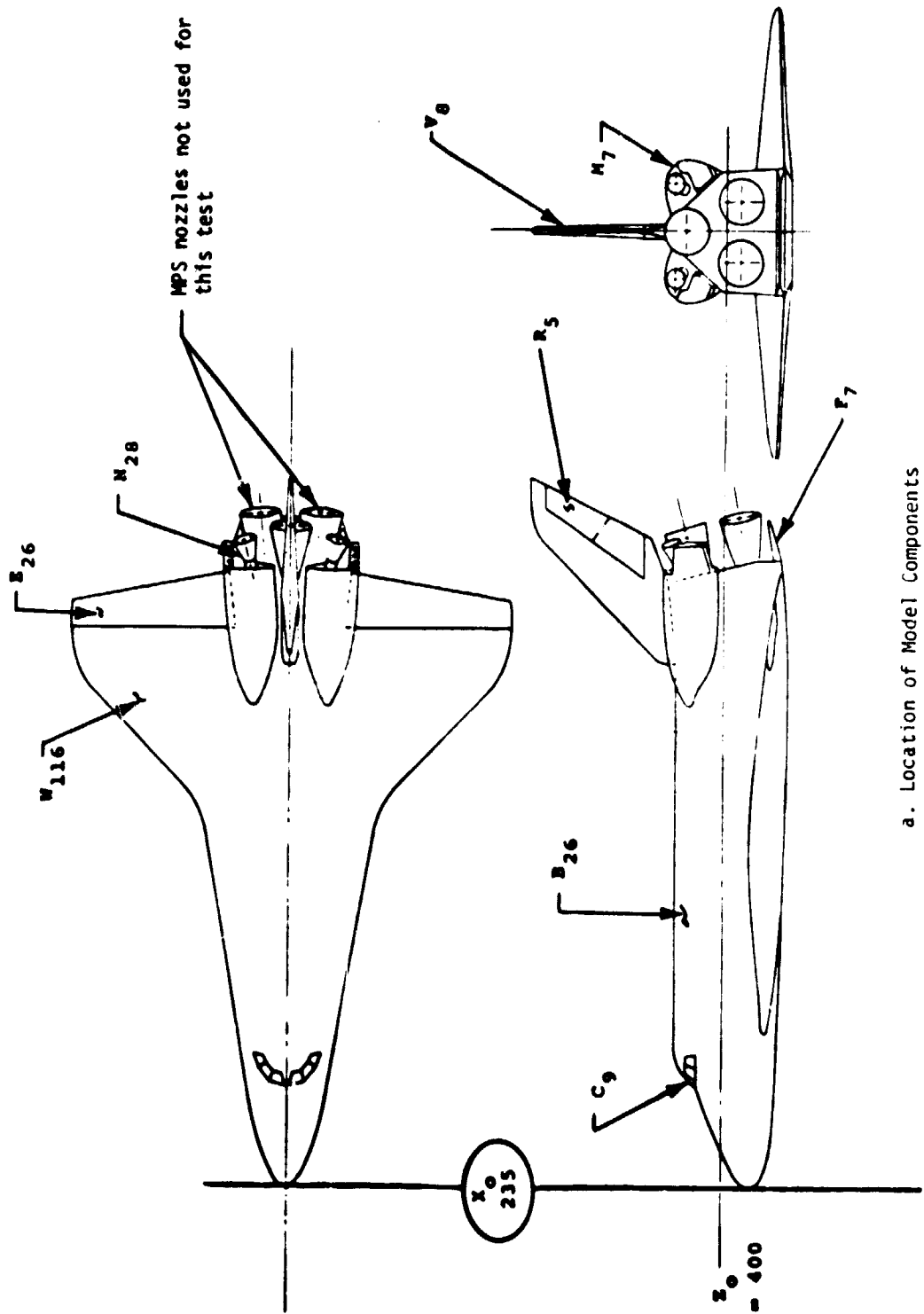
DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area (Theo.) Ft^2		
Planform	2690.0	0.605
Span (Theo) In.	936.682	28.100
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Dihedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	+ 3.000	+ 3.000
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	- 10.056	- 10.056
0.25 Element Line	35.209	35.209
Chords:		
Root (Theo) B.P.O.O.	689.243	20.677
Tip, (Theo) B.P.	137.849	4.135
MAC	474.812	14.244
*Fus. Sta. of .25 MAC	1136.83	17.052
*W.P. of .25 MAC	290.58	4.359
*B.L. of .25 MAC	182.13	2.732
EXPOSED DATA		
*Area (Theo) Ft^2	1751.50	0.3941
*Span, (Theo) In. BP108	720.68	10.810
*Aspect Ratio	2.058	2.058
Taper Ratio	0.245	0.245
Chords		
*Root BP108	562.09	8.431
Tip 1.00 $\frac{b}{2}$	137.851	2.068
*MAC	392.83	5.892
*Fus. Sta. of .25 MAC	1185.98	17.847
*W.P. of .25 MAC	294.30	4.415
*B.L. of .25 MAC	251.77	3.777
Airfoil Section (Rockwell Mod PASA)		
XXXX-64		
Root $\frac{b}{2}$ =	0.113	0.113
Tip $\frac{b}{2}$ =	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff $\frac{2}{2}$		
*Planform Area Ft^2	113.18	0.025
*Leading Edge Intersects Fus M. L. @ Sta	500.0	7.50
*Leading Edge Intersects Wing @ Sta	1024.0	15.360



Notes

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

Figure 1. Axis Systems

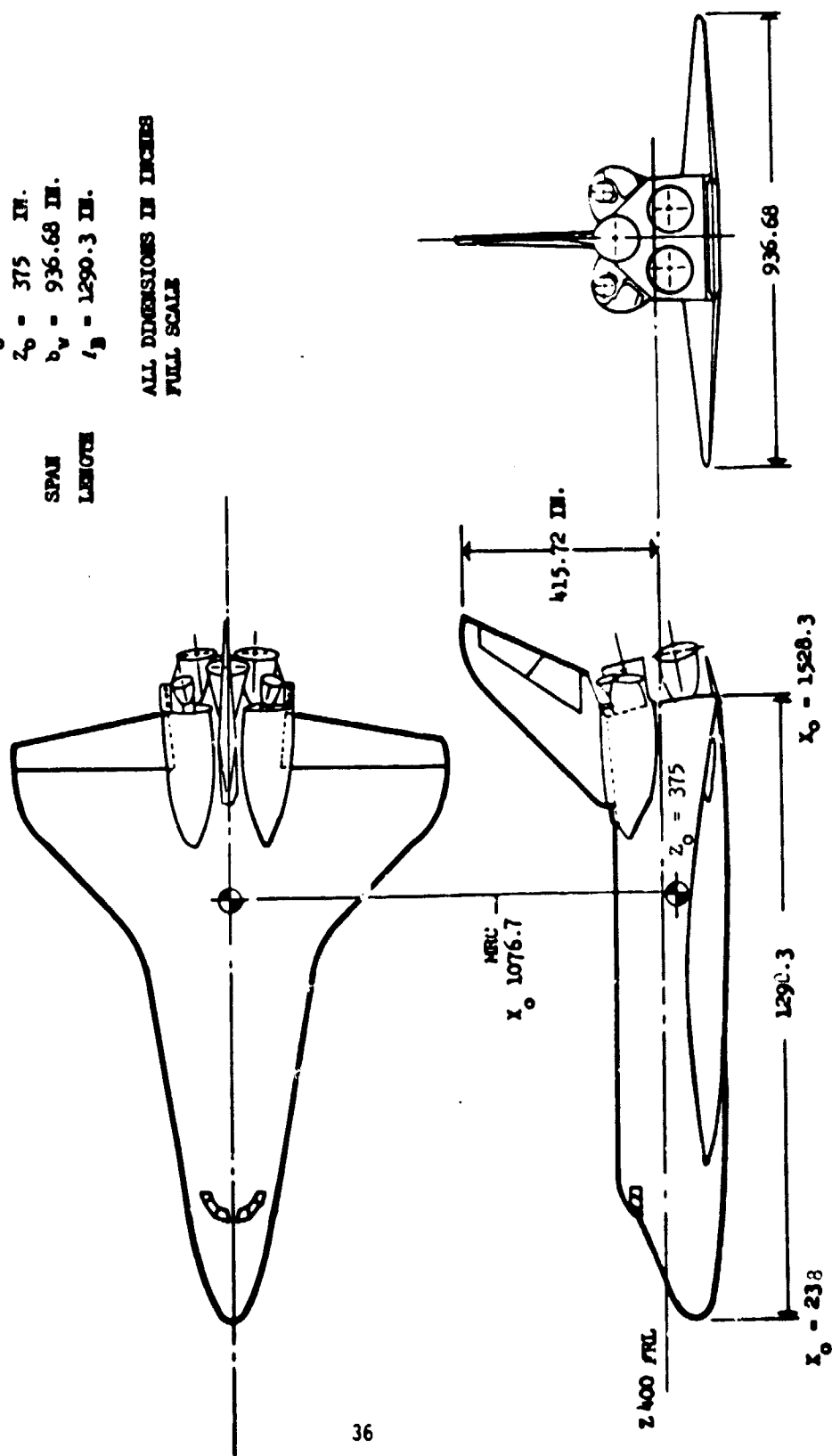


a. Location of Model Components

Figure 2. - Model sketches.

REFERENCE	DIMENSIONS (FS)
AREA	$S_v = 2690 \text{ FT}^2$
MAC	$C = 474.8 \text{ IN.}$
C.G.	$X_o = 1076.7 \text{ IN.}$
	$Z_o = 375 \text{ IN.}$
SPAN	$b_v = 936.68 \text{ IN.}$
LENGTH	$l_B = 1290.3 \text{ IN.}$

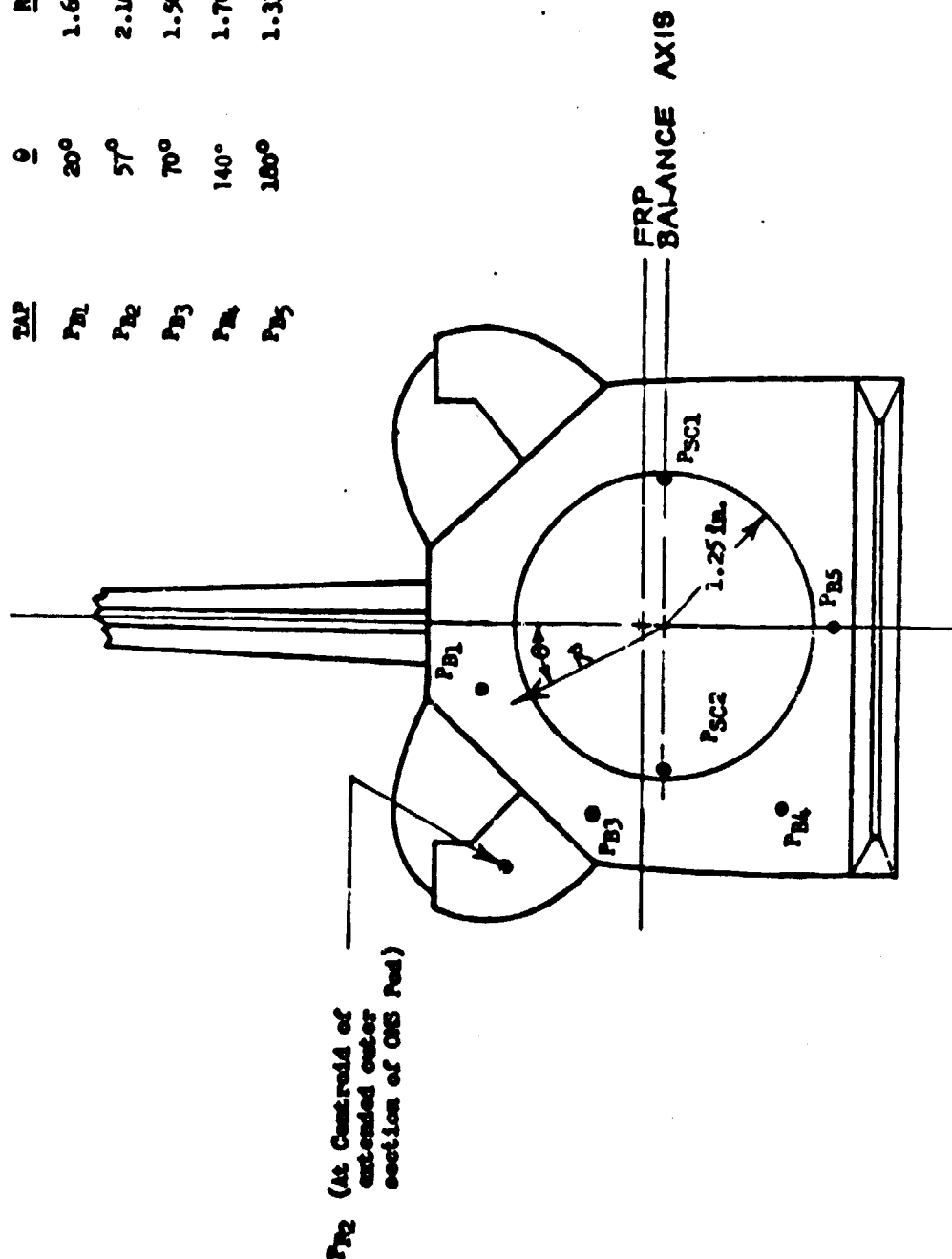
ALL DIMENSIONS IN INCHES
FULL SCALE



b. SSV Orbiter Configuration 140 A/B

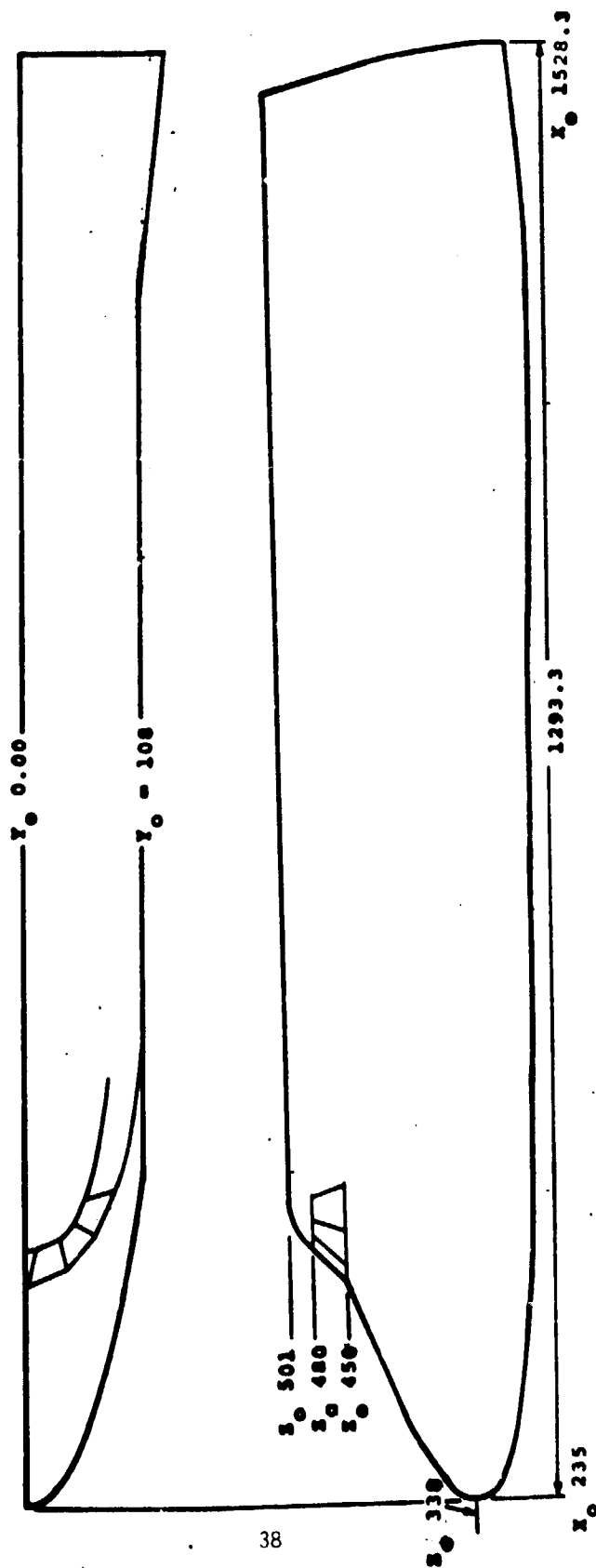
Figure 2. - Continued.

TAP	θ	R
P _{B1}	20°	1.60 in.
P _{B2}	57°	2.10 in.
P _{B3}	70°	1.50 in.
P _{B4}	140°	1.76 in.
P _{B5}	180°	1.33 in.



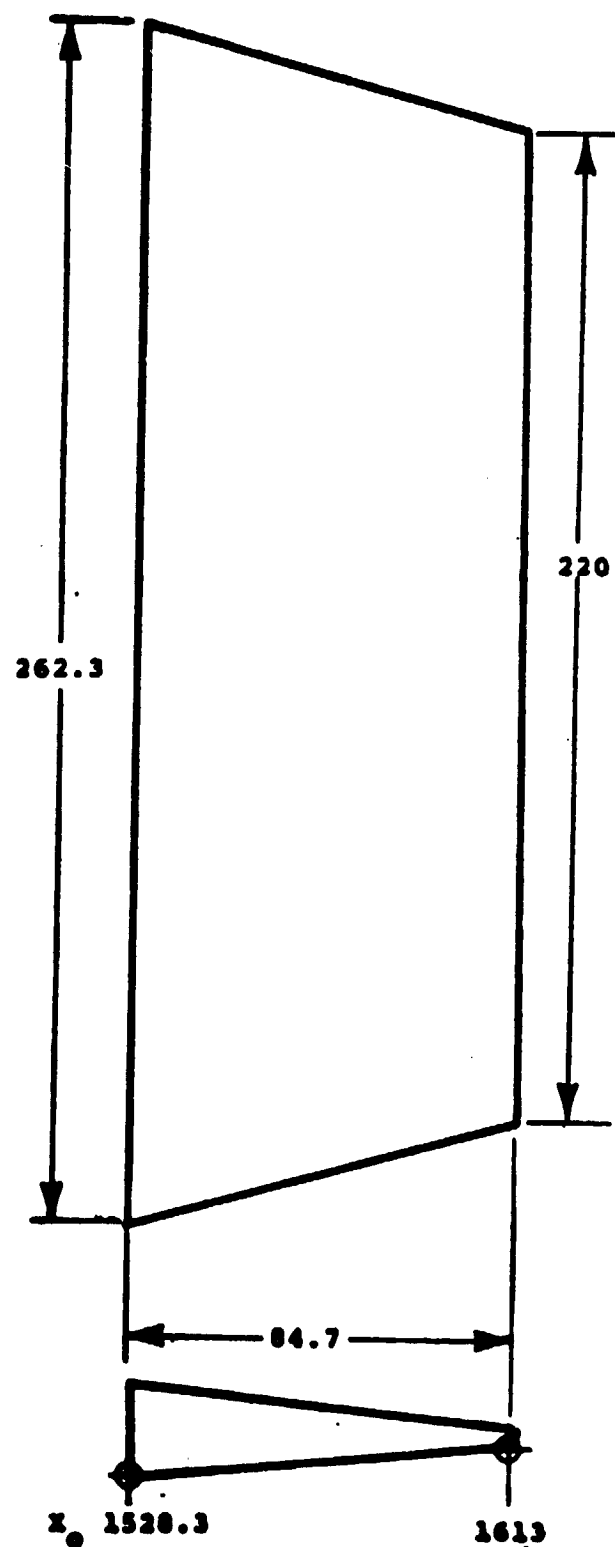
c. Base and Cavity Pressure Locations for Tests OA77 and OA78

Figure 2. - Continued.



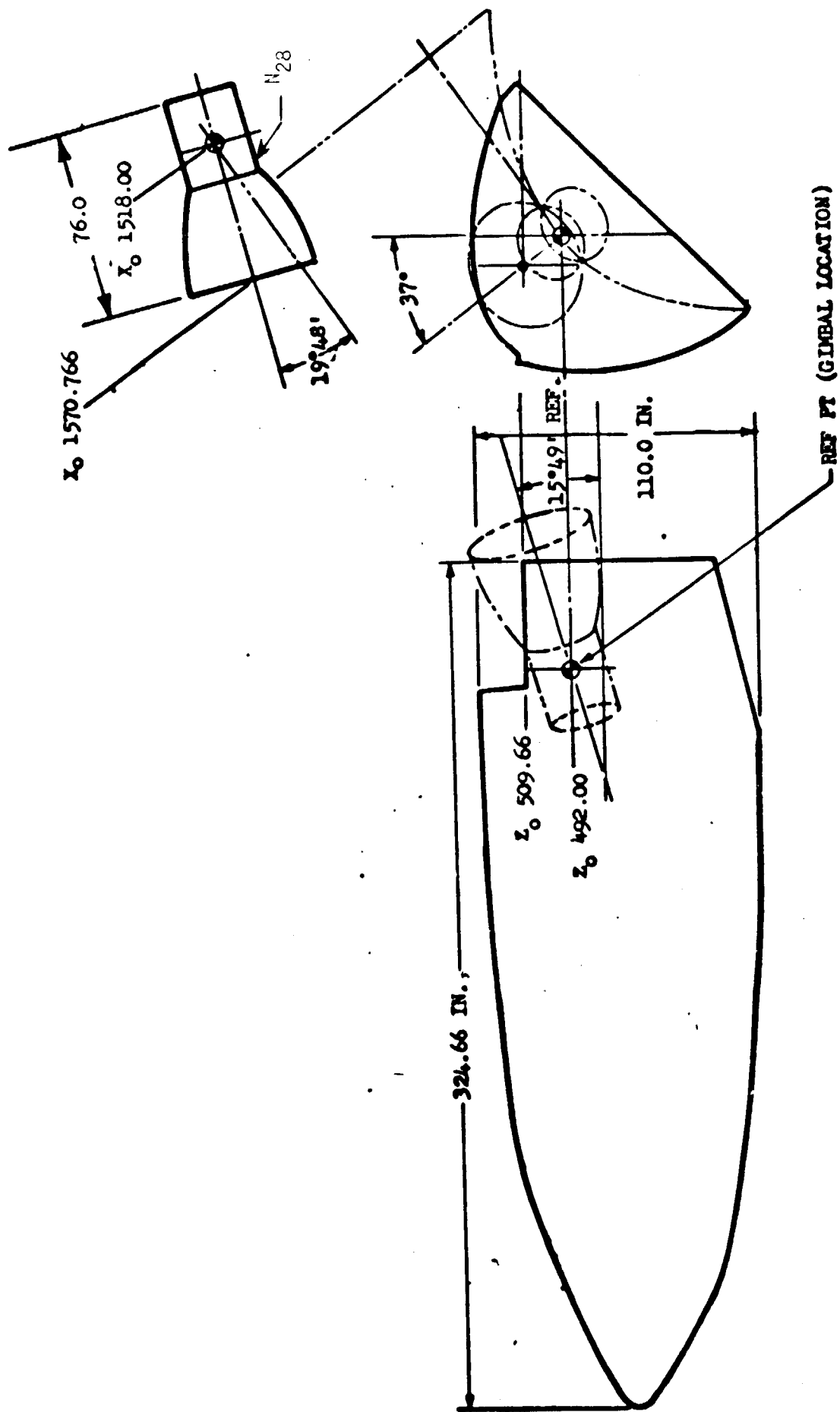
d. Canopy, C_9 , and Body, B_{26}

Figure 2. - Continued.

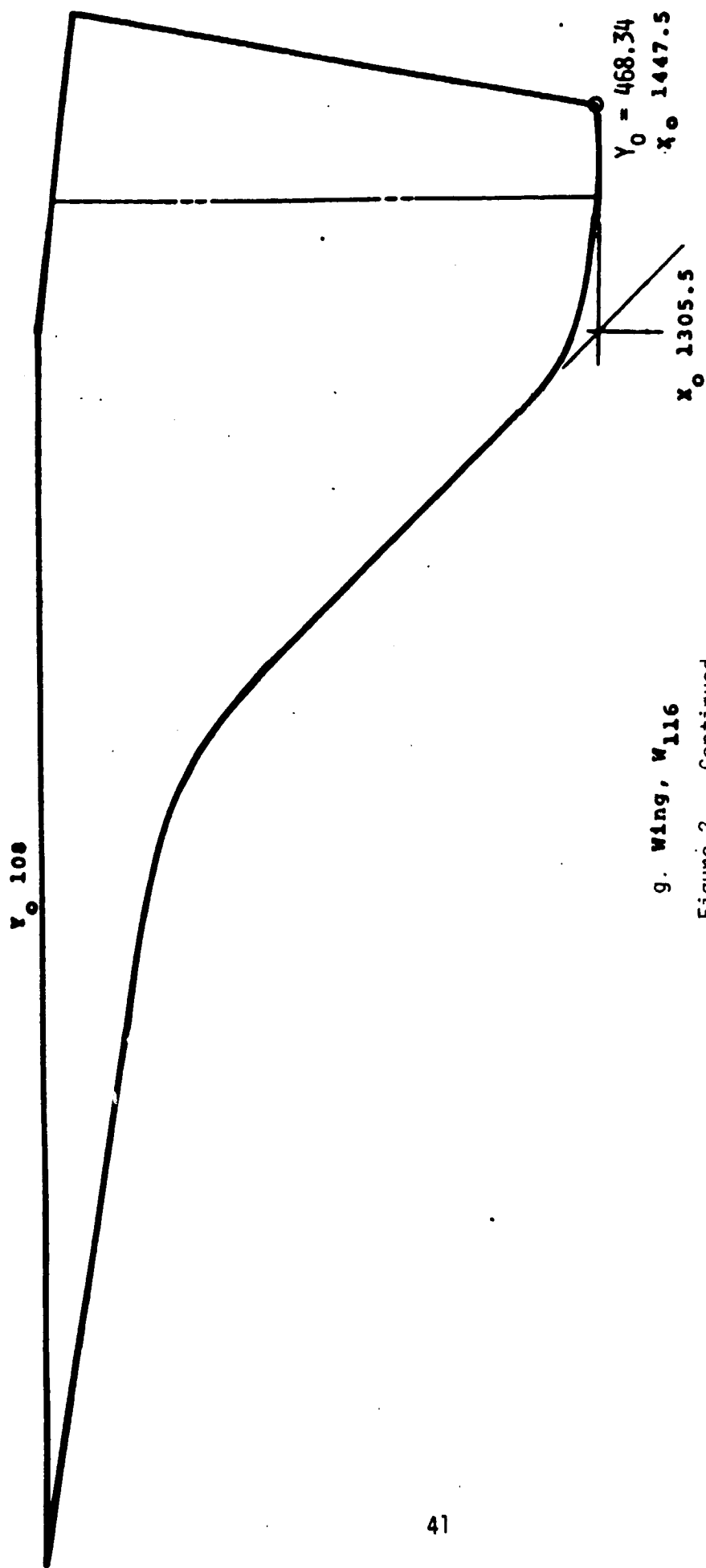


e. Body Flap, F7

Figure 2. - Continued.

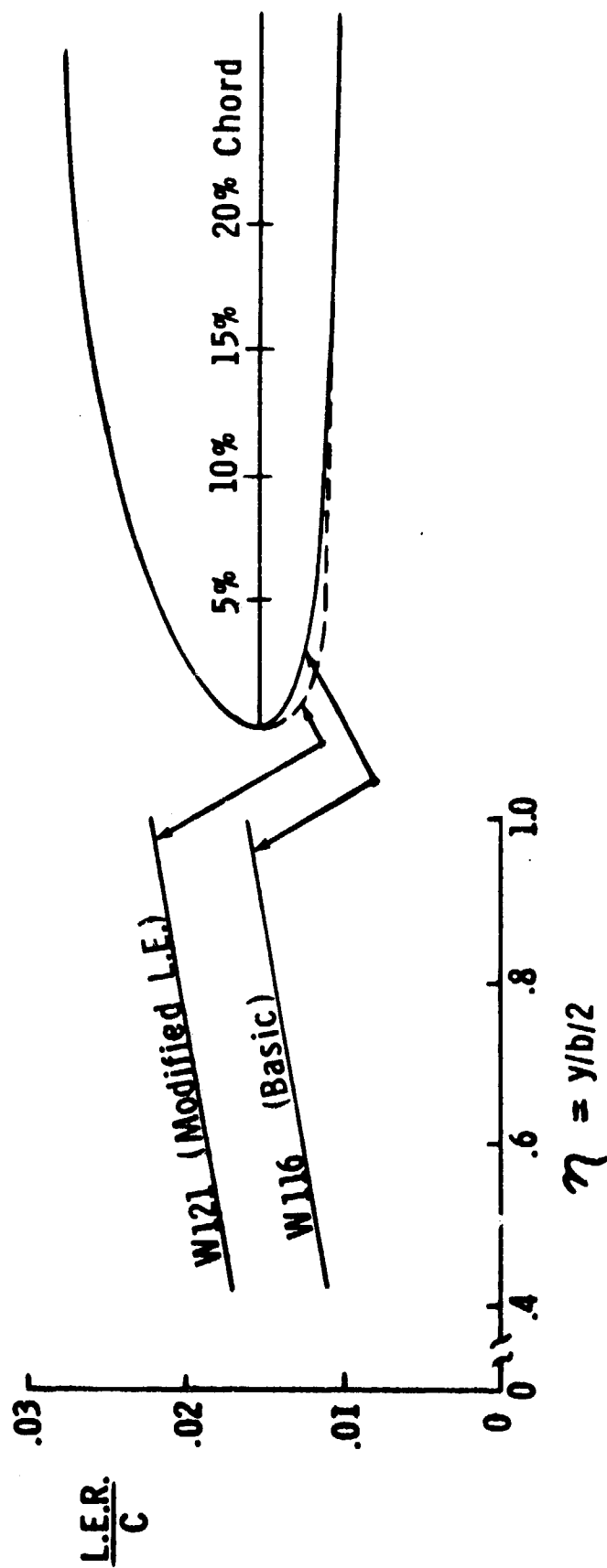


f. M7 - OMS Pod
Figure 2. - Continued.



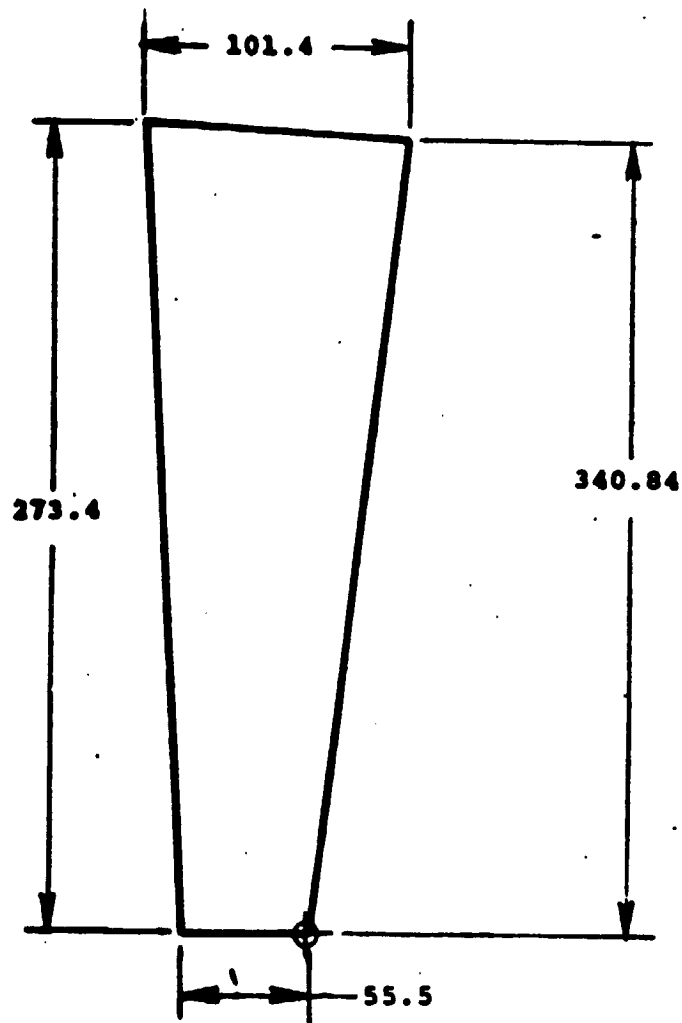
9. Wing, W₁₁₆

Figure 2. - Continued.



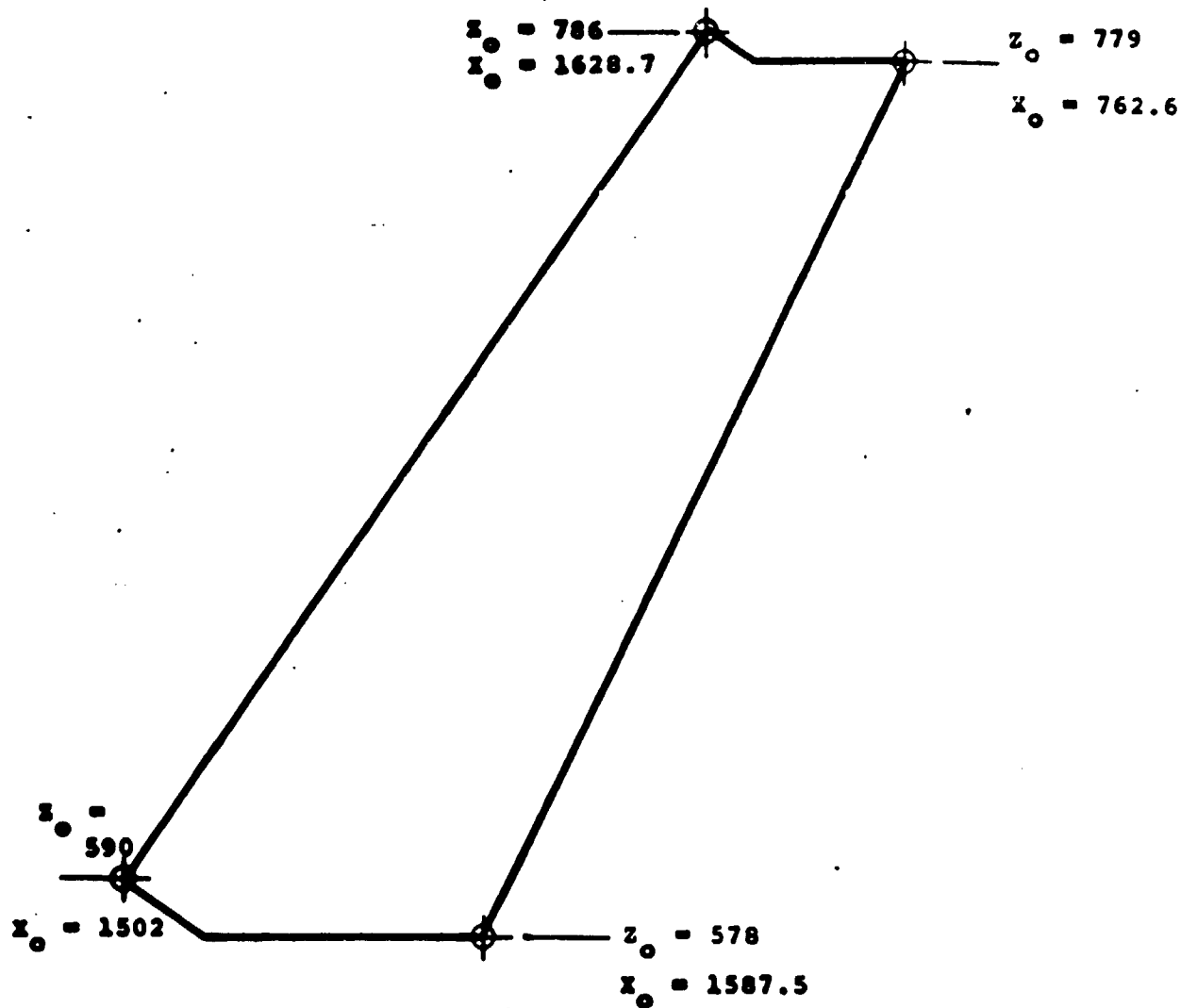
h. Comparison of Leading Edge Shapes, W_{116} and W_{121}

Figure 2. - Continued.



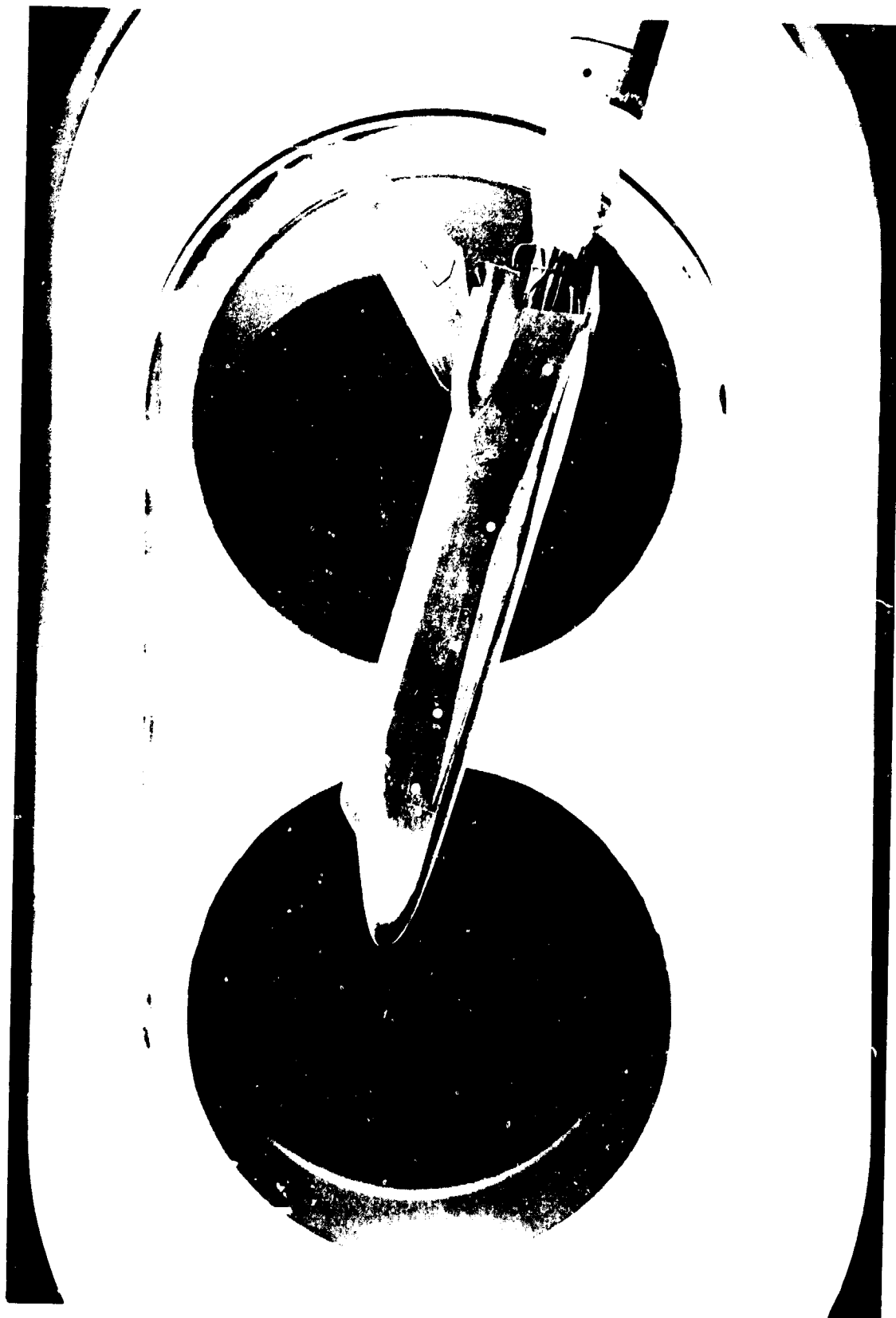
1. Eleven, E₂₆

Figure 2. - Continued.



k. Rudder, R_5

Figure 2. - Concluded.



a. Side View - Tunnel B Installation

Figure 3. - Model installation photographs.



b. Aft 3/4 View Showing Base Pressure Rake

Figure 3. - Concluded.

DATA FIGURES

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BD FLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	
(ATN085)	AEDC VA474(0A77/78) (B26CS M7)(V116E26)(V8R5)	.000	.000	55.000	.000	SREF	87.1560
(ATN085)	AEDC VA474(0A77/78) (B26CS M7)(V116E26)(V8R5)	.000	.000	55.000	.000	LREF	7.1220
(ATN085)	AEDC VA474(0A77/78) (B26CS M7)(V116E26)(V8R5)			55.000	.000	BREF	14.0520
						XRRP	12.6250
						YRRP	.0000
						ZRRP	-.3750
						SCALE	.0150

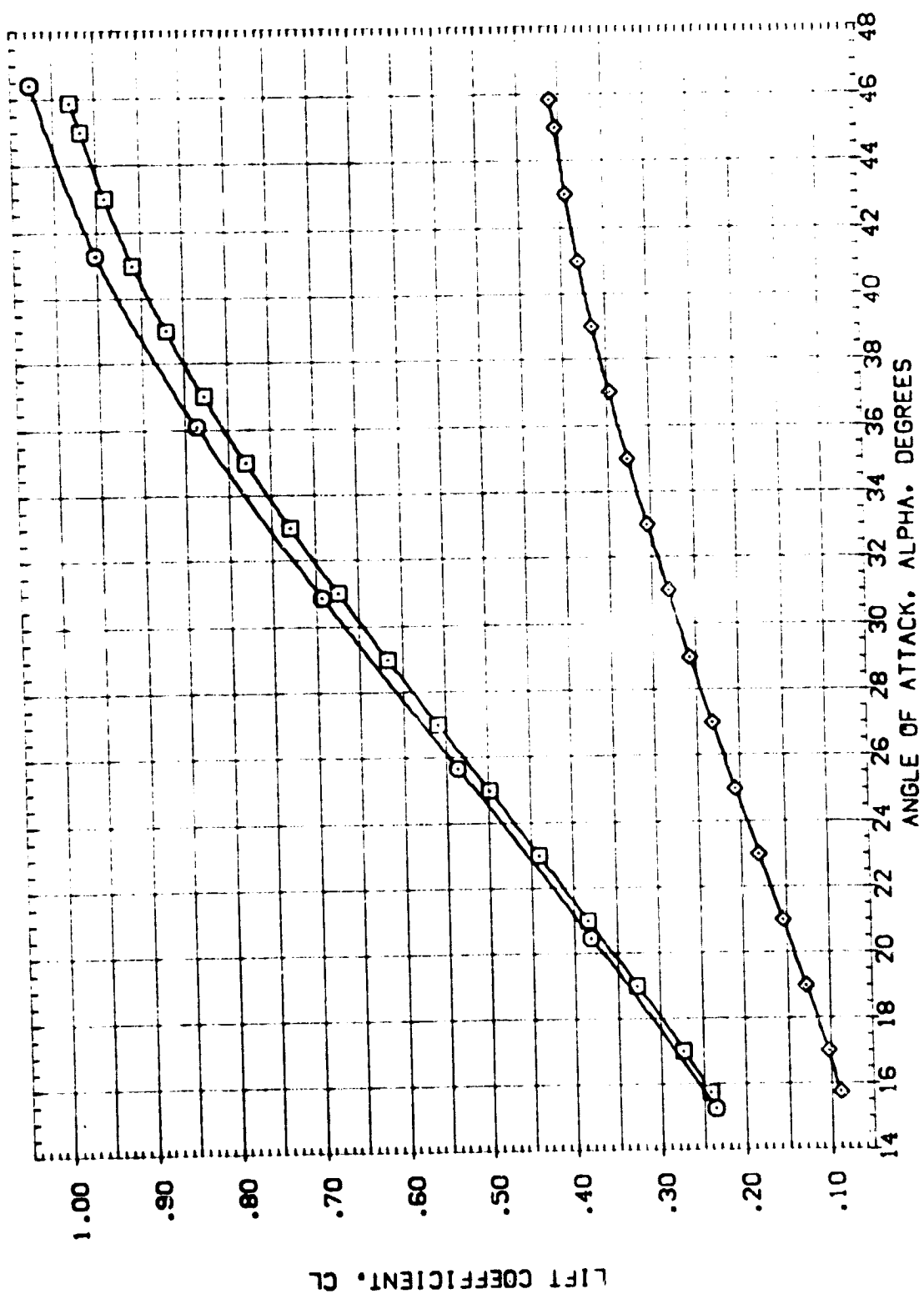


FIG 04 COMPONENT BUILD UP, MACH = 8.0
 (A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BD FLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN095)	AE DC VA474(QA77/78) (B26CS 747) (V116E26) (V8RS)	.000	.000	55.000	.000	SREF 87.1560
(ATN095)	AE DC VA474(QA77/78) (B26CS 747) (V116E26) (V8RS)	.000	.000	55.000	.000	LREF 12.1220
(ATN095)	AE DC VA474(QA77/78) (B26CS 747) (V116E26) (V8RS)	.000	.000	55.000	.000	BREF 12.0520
						XMRP 12.6250
						YMRP .0000
						ZMRP .3750
						SCALE .0150

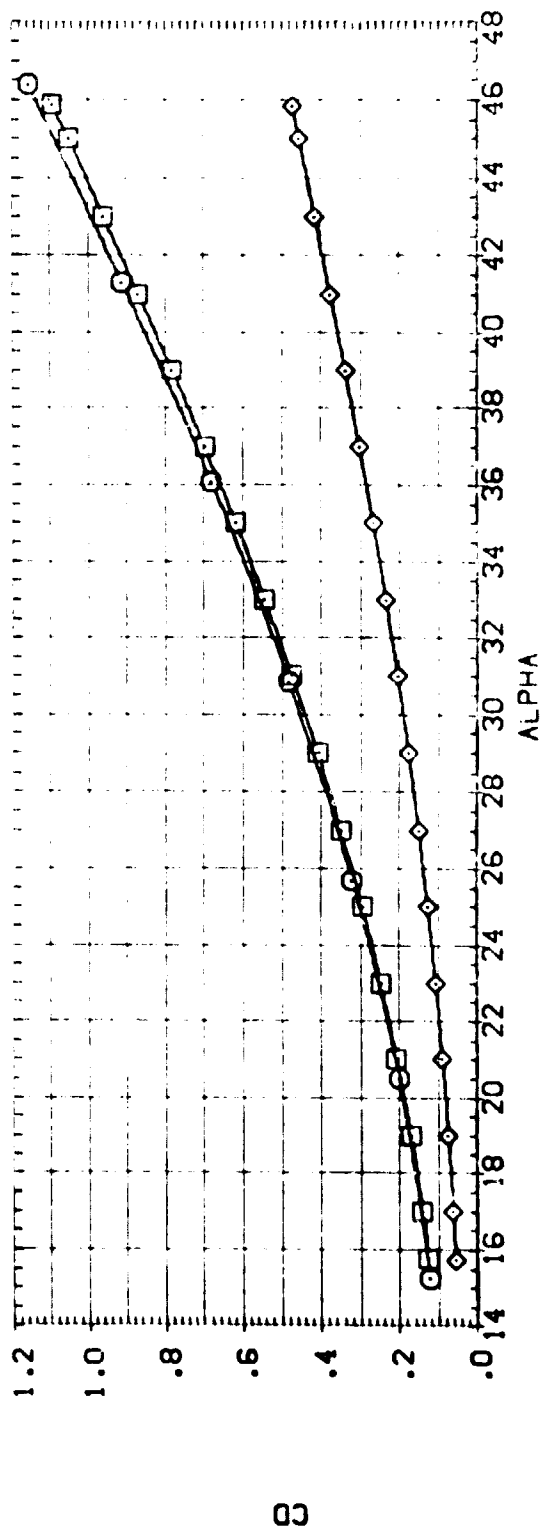
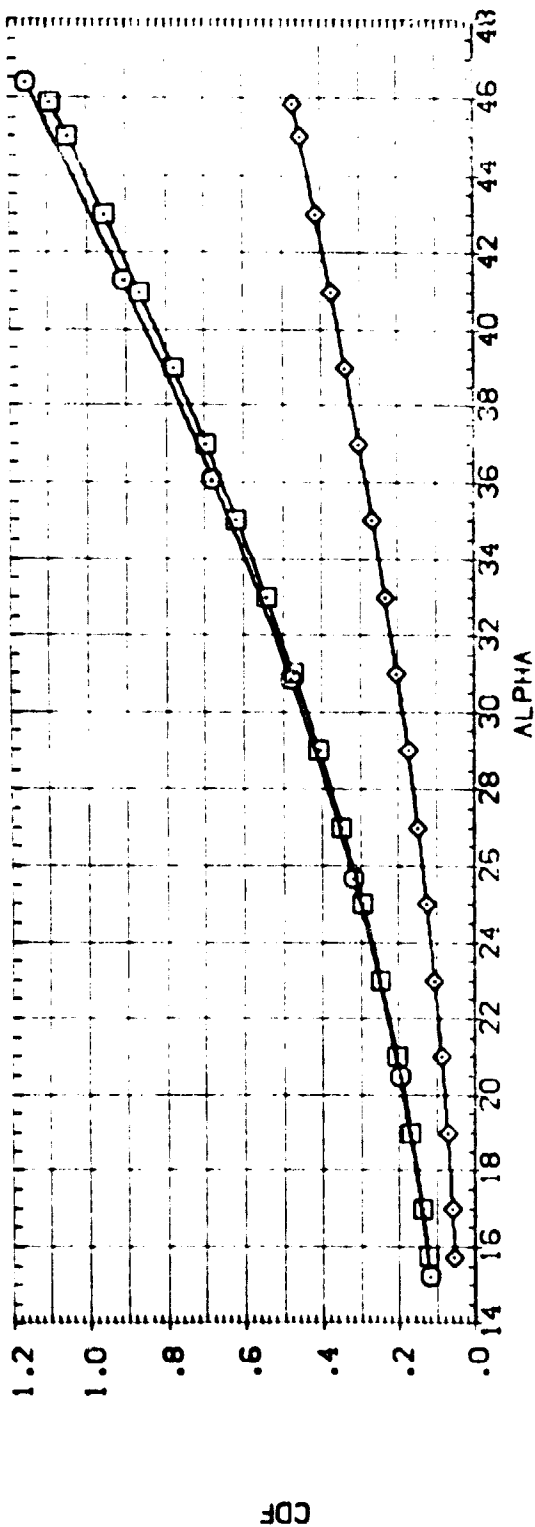


FIG 04 COMPONENT BUILD UP, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

{ATN095}	AEDE VA474(OA77/78) (B26CS 7M7) (V111E 26) (V8K5)	SREF 87.1560	50. IN.
{ATN085}	AEDE VA474(OA77/78) (B26CS 7M7) (V111E 26) (V8K5)	LREF 7.1220	INCHES
{ATN086}	AEDE VA474(OA77/78) (B26CS 7M7) (V111E 26) (V8K5)	BREF 14.0520	INCHES
		XMRP 12.6250	INCHES
		YMRP .0000	INCHES
		ZMRP -.3750	INCHES
		SCALE .0150	

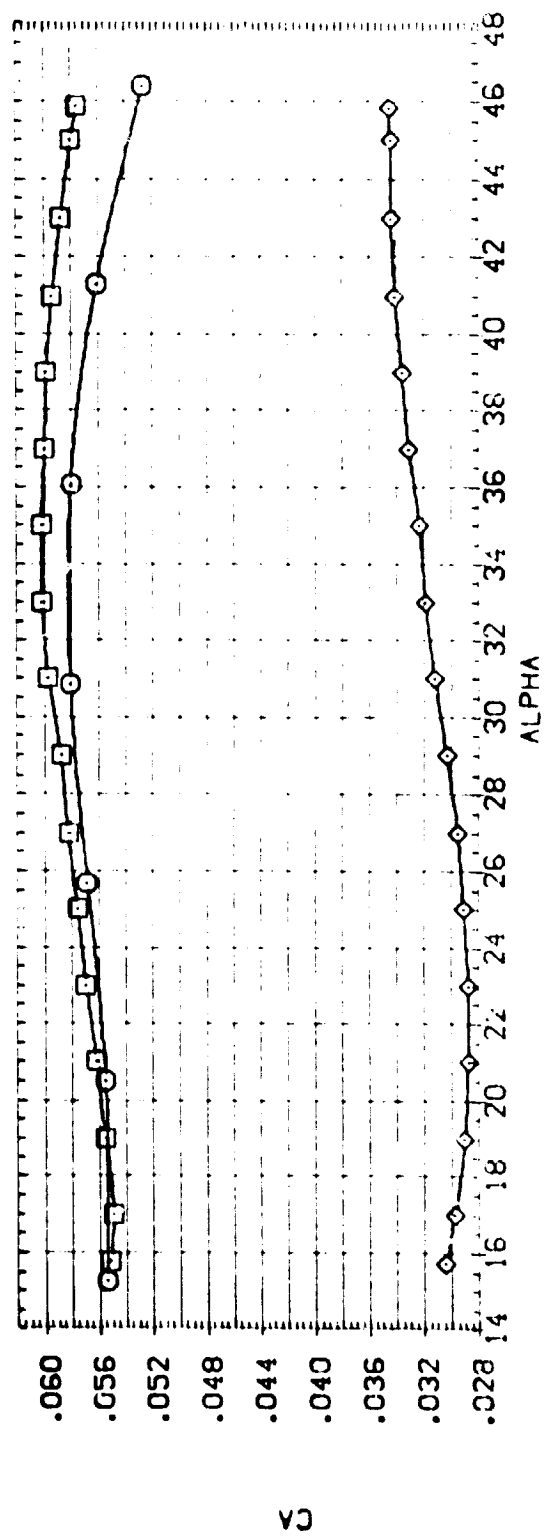
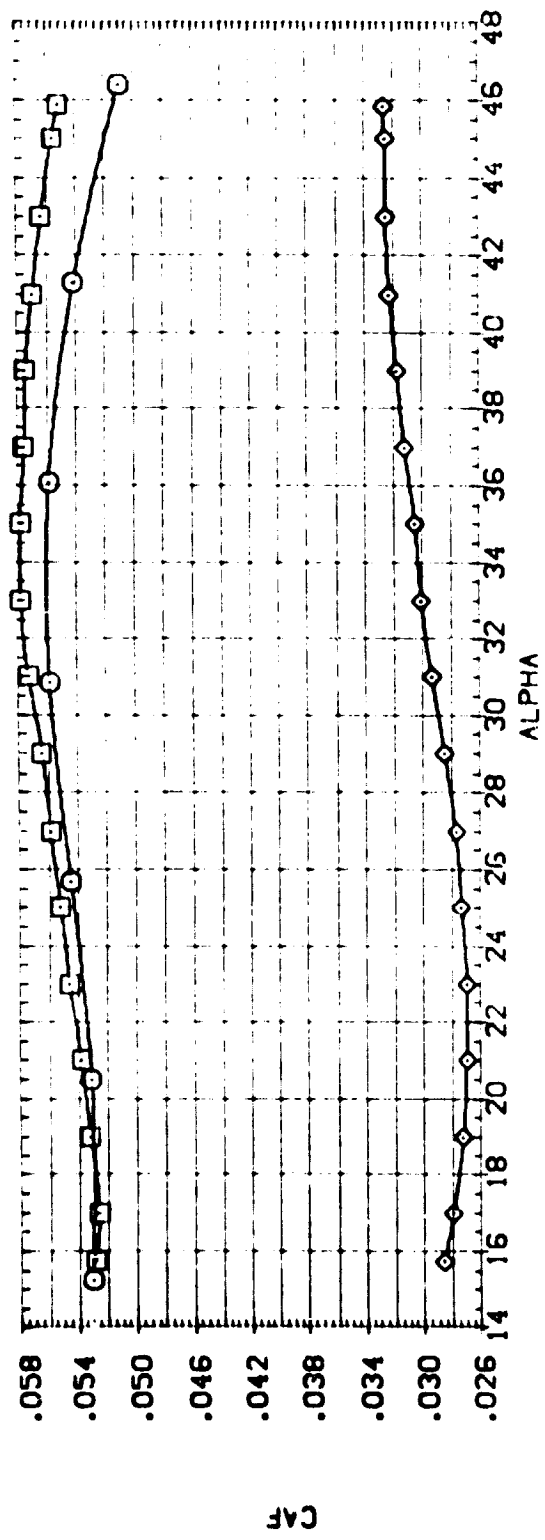


FIG 04 COMPONENT BUILD UP, MACH = 8.0
(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN055)	AEDC VA474(QA77/78) (B26C9 7M7) (V1116E26) (VBRS)	.000	.000	55.000	.000	SREF 87.1560 50. IN.
(ATN065)	AEDC VA474(QA77/78) (B26C9 7M7) (V1116E26) (VBRS)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN086)	AEDC VA474(QA77/78) (B26C9 M7)			55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

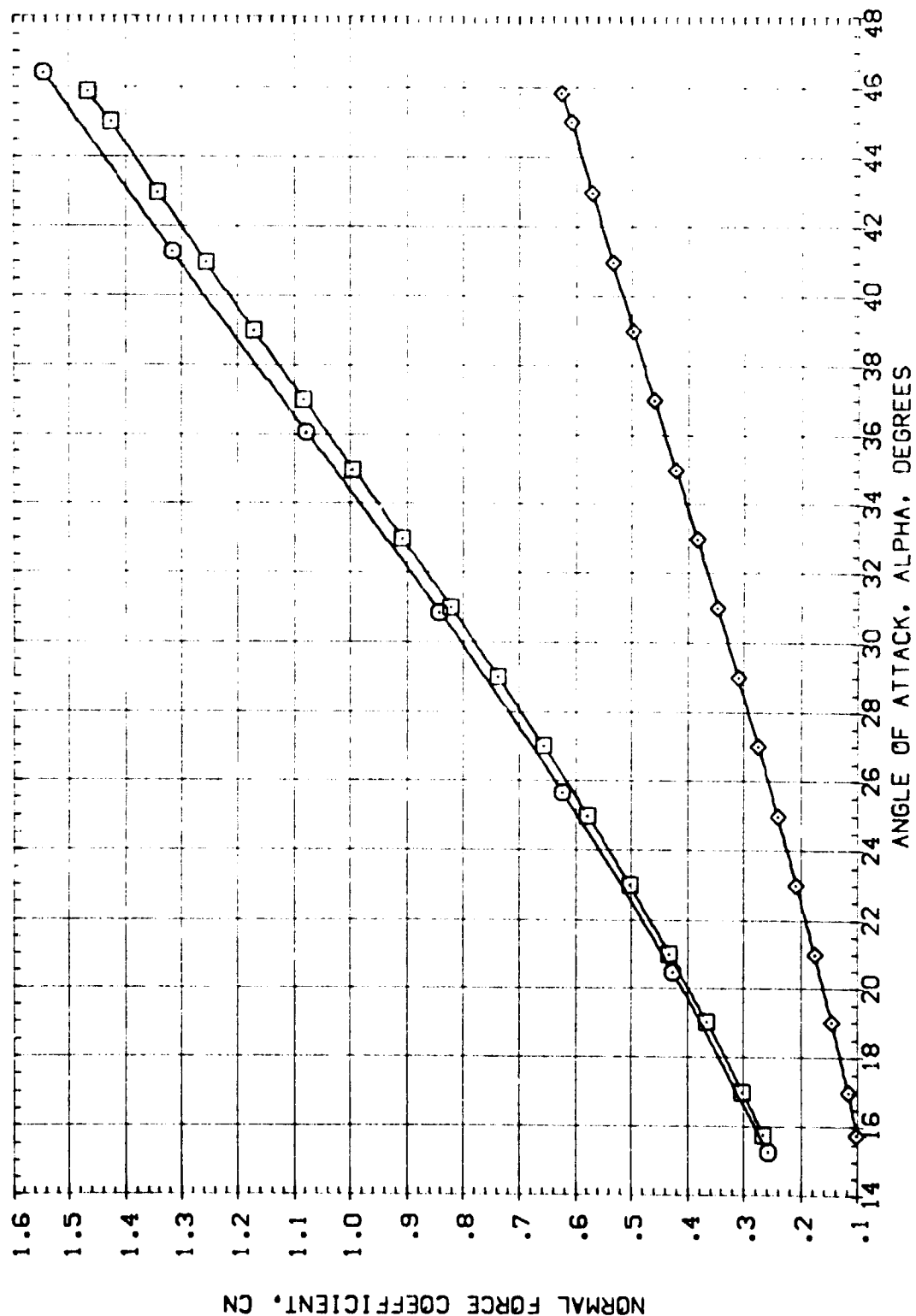


FIG 04 COMPONENT BUILD UP, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONF: GURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN055]	AEDC VA474(QA77/78) (B26C9) M7 (V116E26) (VBR5)	.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
[ATN085]	AEDC VA474(QA77/78) (B26C9) M7 (V116E26) (VBR5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATN086]	AEDC VA474(QA77/78) (B26C9) M7 (V116E26) (VBR5)			55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

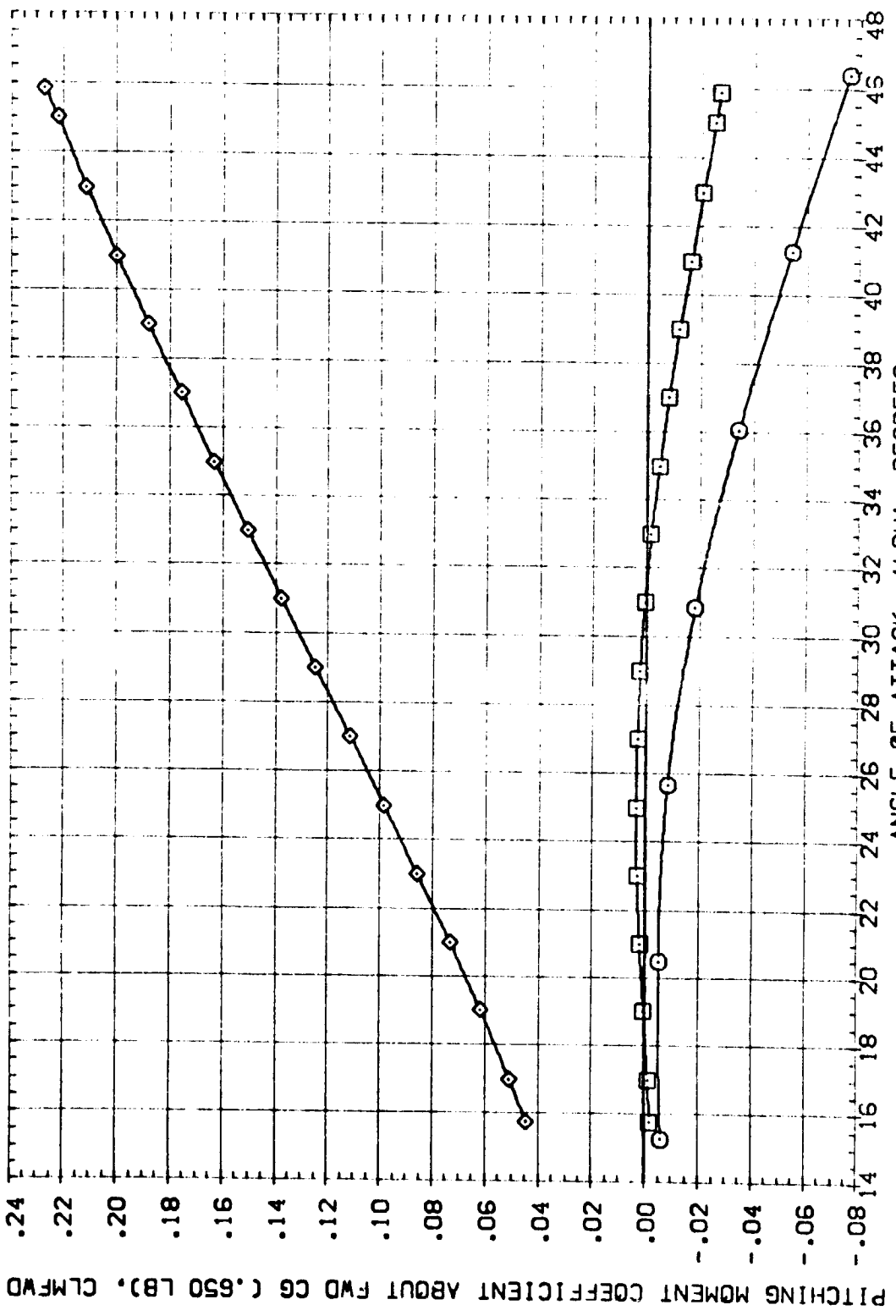


FIG 04 COMPONENT BUILD UP, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BDFLAP SPOSRK RUDDER REFERENCE INFORMATION

(ATN095)	AEDC VA474(OA77/78) (B26C9 M7) (V116E26) (V8R5)	.000	.000	55.000	.000	SREF 87.1560 INCHES
(ATN085)	AEDC VA474(OA77/78) (B26C9 M7) (V116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN086)	AEDC VA474(OA77/78) (B26C9 M7) (V116E26) (V8R5)			55.000	.000	BREF 14.0520 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

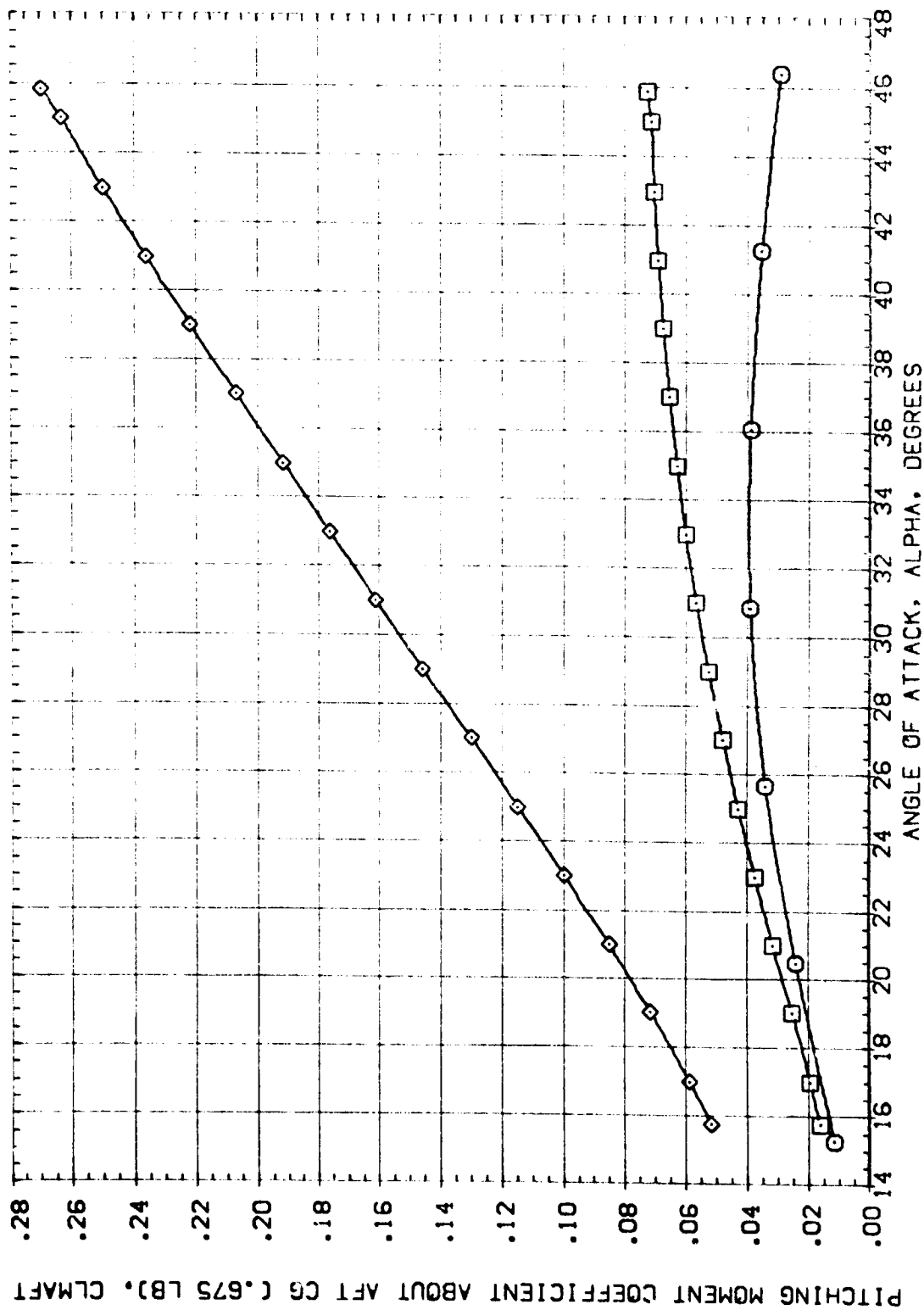


FIG 04 COMPONENT BUILD UP, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOELAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN085)	AEDC VA474(OA77/78) (B76C9-M7)(V116E26)(V8R5)	.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATN085)	AEDC VA474(OA77/78) (B76C9-M7)(V116E26)(V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN086)	AEDC VA474(OA77/78) (B76C9-M7)(V116E26)(V8R5)			55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

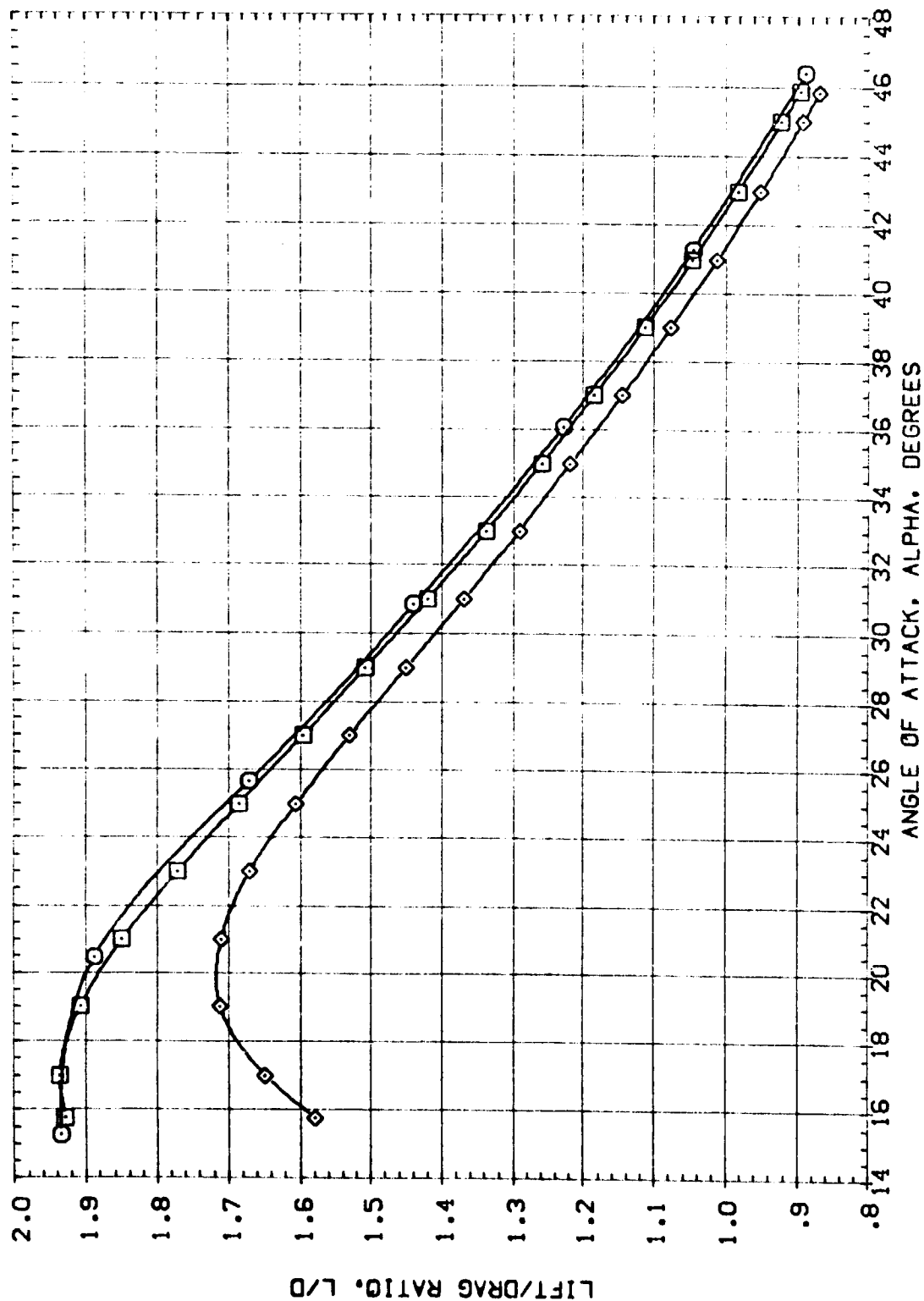


FIG 04 COMPONENT BUILD UP, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL: [ATN055] [ATN085] [ATN086]

CONFIGURATION DESCRIPTION: AEDC VA474(0A77/78) (B26C9 M7) (V116E23) (V8RS) AEDC VA474(0A77/78) (B26C9 M7) (V116E26) (V8RS) AEDC VA474(0A77/78) (B26C9 M7)

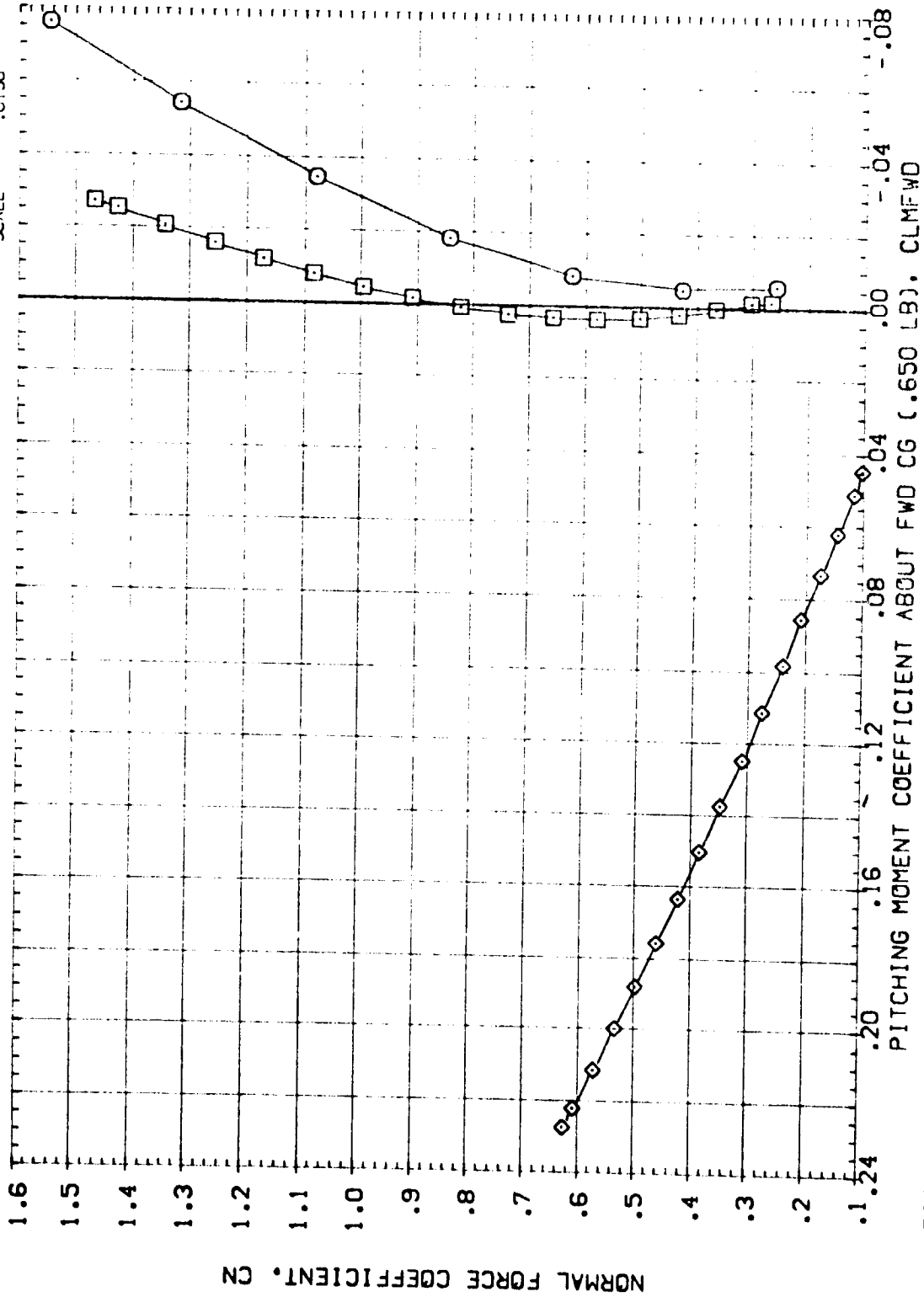
ELEVTR: .000 .000

BOFLAP: .000

SPOBRK: .000 .000 .000

RUDDER: .000 .000 .000

REFERENCE INFORMATION: SREF 87.1550 50.120 INCHES LREF 7.1220 INCHES BREF 14.0520 INCHES XMRP 12.6250 INCHES YMRP .0000 INCHES ZMRP -.3750 INCHES SCALE .0150



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN085)	AEDC VA474(QA77/78) (B26C9 M7) (V116E26) (V8R5)	.000	.000	55.000	.000	SREF 87.1560 INCHES
(ATN085)	AEDC VA474(QA77/78) (B26C9 M7) (V116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN086)	AEDC VA474(QA77/78) (B26C9 M7) (V116E26) (V8R5)			55.000	.000	BREF 14.0520 INCHES
						XMRP .0000 INCHES
						YMRP .0000 INCHES
						ZMRP .3750 INCHES
						SCALE .0150

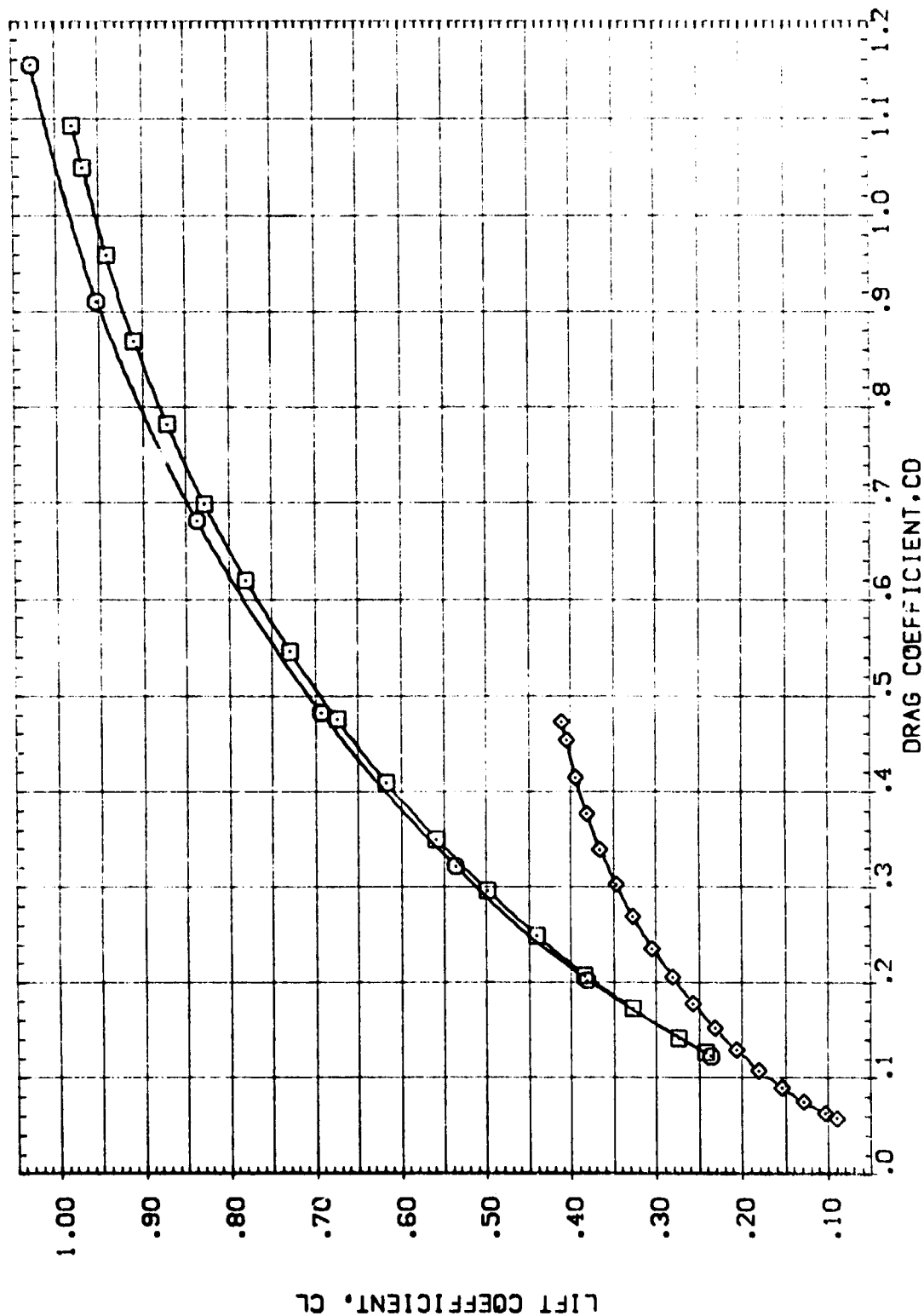


FIG 04 COMPONENT BUILD UP, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

(ATN095)	AEDC VA474(QA77/78) (B26CSF7M7) (V116E26) (V8R5)	SREF	87.1560	50. IN.
(ATN096)	AEDC VA474(QA77/78) (B26CSF7M7) (V116E26) (V8R5)	LREF	7.1220	INCHES
(ATN096)	AEDC VA474(QA77/78) (B26CSF7M7) (V116E26) (V8R5)	SREF	14.0520	INCHES
		XMRP	12.6250	INCHES
		YMRP	.0000	INCHES
		ZMRP	-.3750	INCHES
		SCALE	.0150	

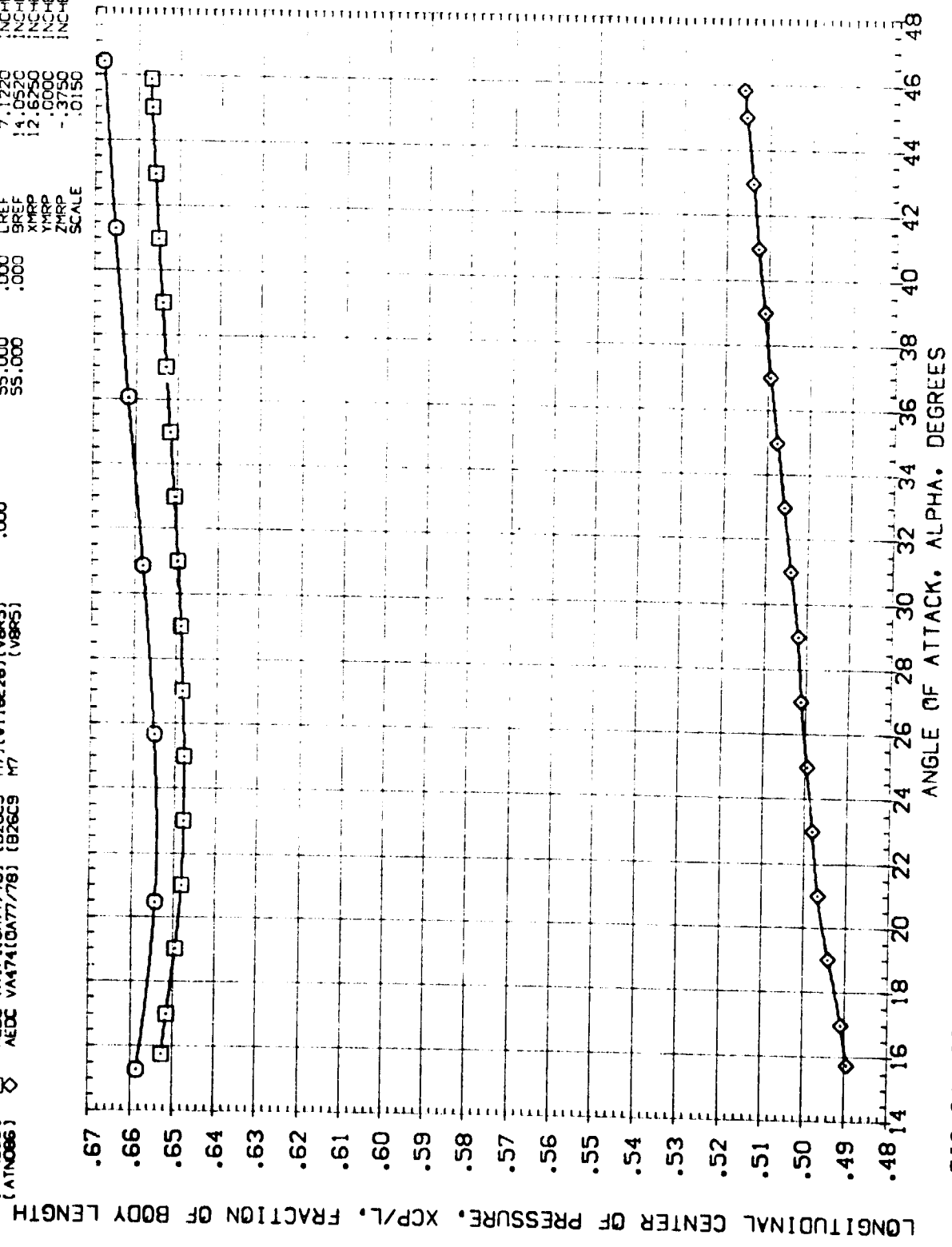


FIG 04 COMPONENT BUILD UP, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 50.1N.
[ATN081]	AEDC VA474(CA77/78) (B26C9F7M7) (V121E26) (V8R5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN031]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	.000	55.000	.000	BREF 14.6520 INCHES
[ATN082]	AEDC VA474(CA77/78) (B26C9F7M7) (V121E26) (V8R5)	.000	.000	55.000	.000	MREF 12.6250 INCHES
[ATN047]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	16.300	55.000	.000	YMRP .0000 INCHES
[ATN083]	AEDC VA474(CA77/78) (B26C9F7M7) (V121E26) (V8R5)	.000	16.300	55.000	.000	ZMRP -.5750 INCHES
						SCALE .0150

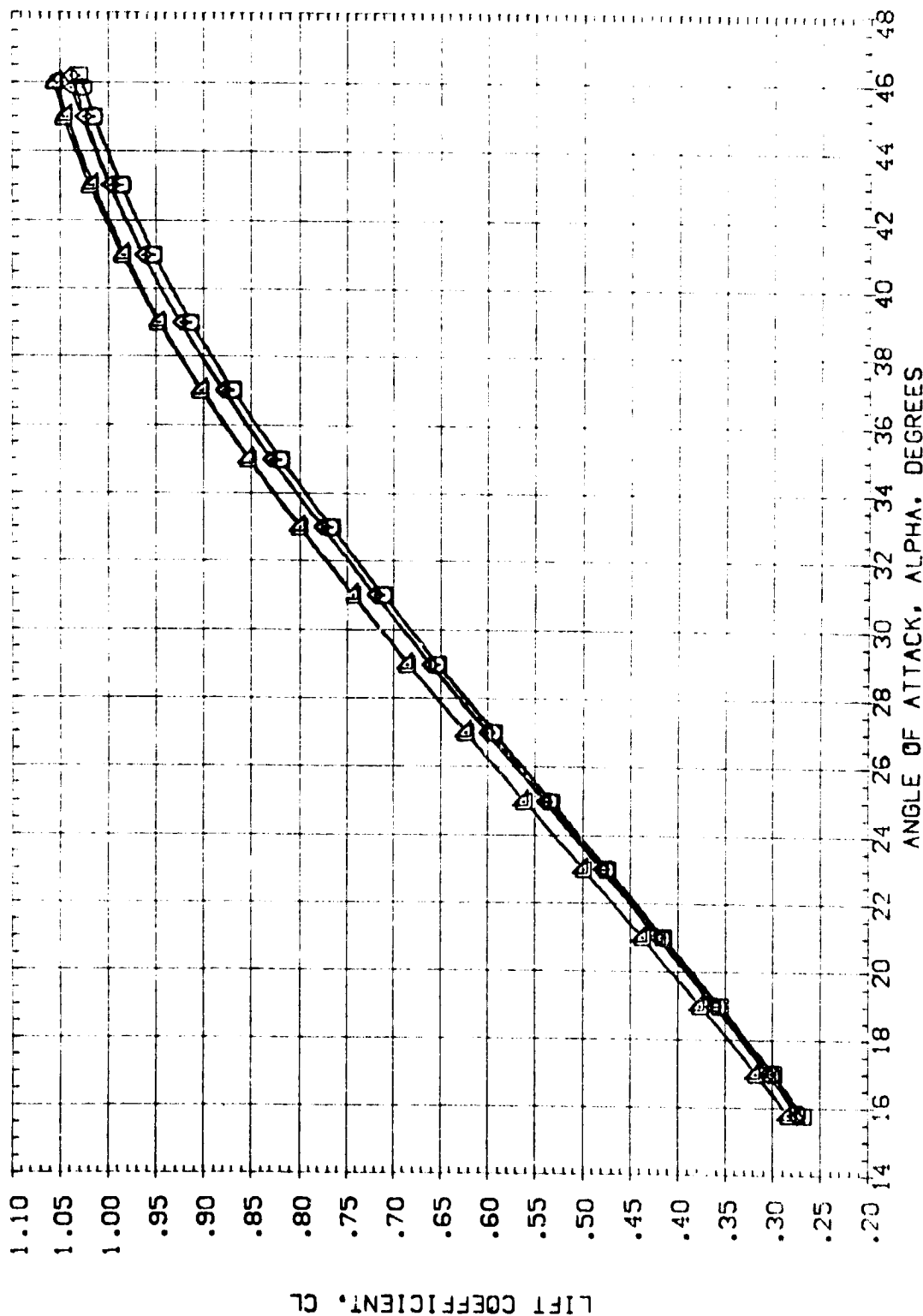


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

CA/MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOORX	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(OA77/78) (B26C9F7M7) (V11E26) (VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SO. IN.
[ATN081]	AEDC VA474(OA77/78) (B26C9F7M7) (V12E26) (VBR5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN031]	AEDC VA474(OA77/78) (B26C9F7M7) (V11E26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
[ATN082]	AEDC VA474(OA77/78) (B26C9F7M7) (V12E26) (VBR5)	.000	.000	55.000	.000	XMRP 12.6250 INCHES
[ATN047]	AEDC VA474(OA77/78) (B26C9F7M7) (V11E26) (VBR5)	.000	16.300	55.000	.000	YMRP .0000 INCHES
[ATN083]	AEDC VA474(OA77/78) (B26C9F7M7) (V12E26) (VBR5)	.000	16.300	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

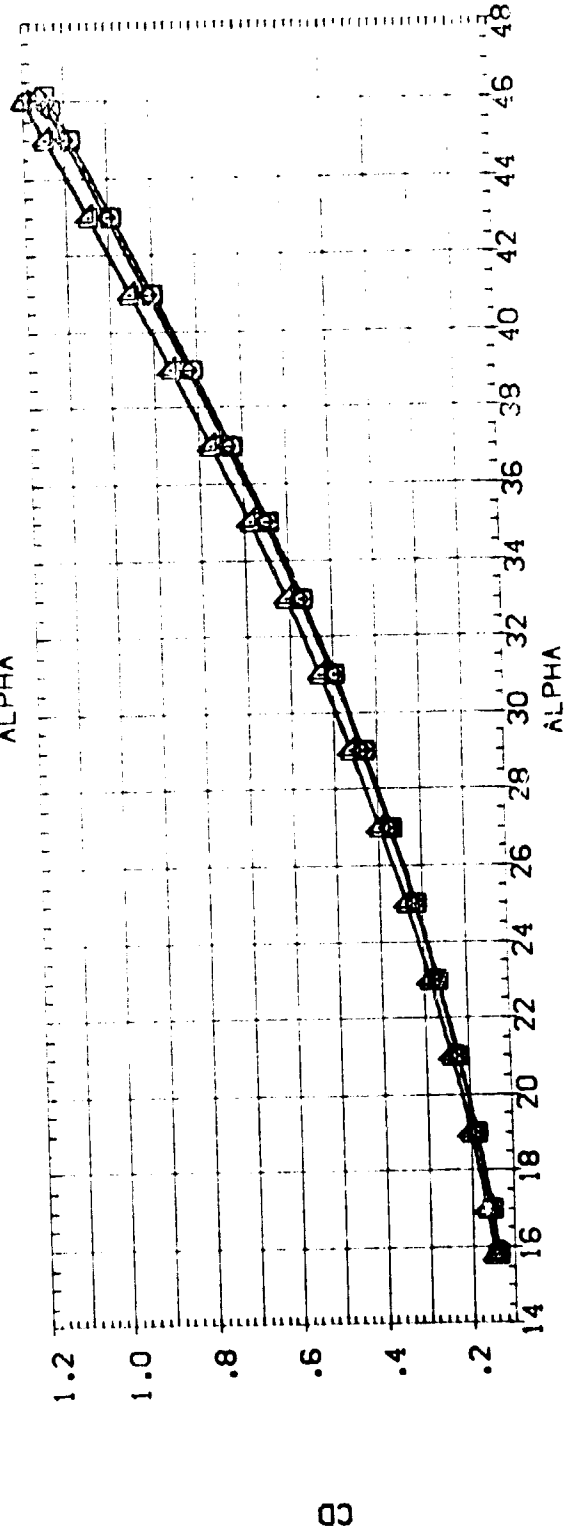
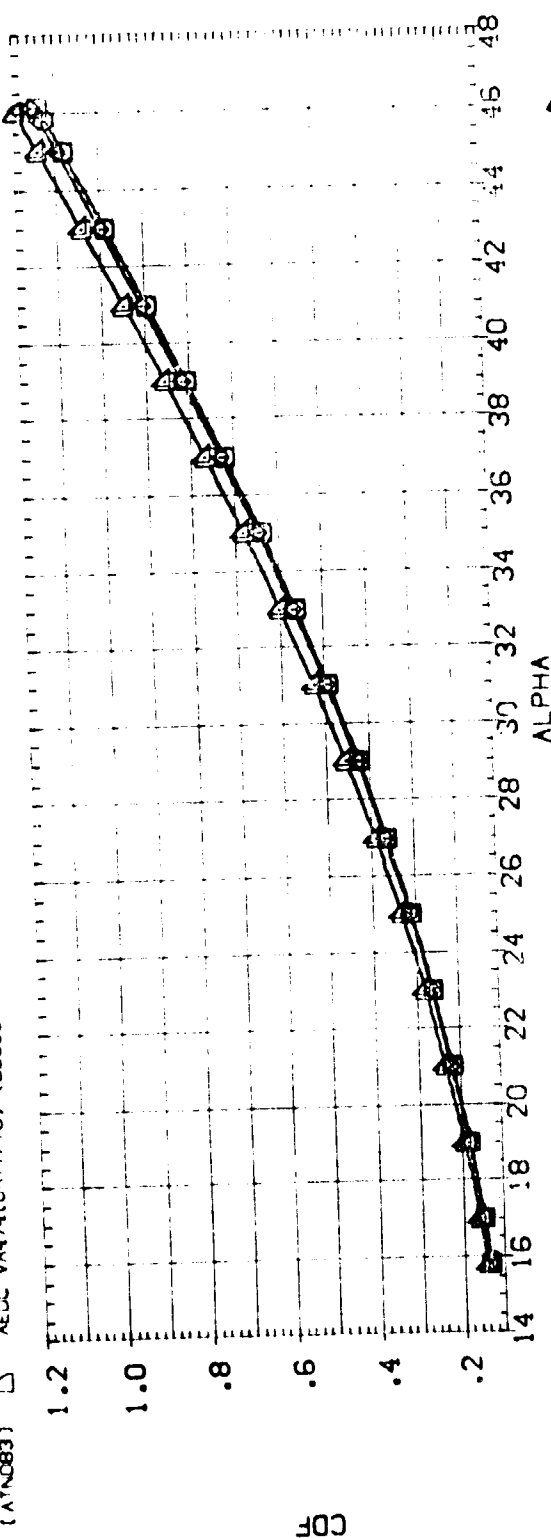


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VB85)	.000	-11.700	55.000	.000	SREF 87.1560
(ATN081)	AEDC VA474(CA77/78) (B26C9-7M7) (V121E26) (VB85)	.000	-11.700	55.000	.000	LREF 7.1270
(ATN031)	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VB85)	.000	.000	55.000	.000	SREF 14.0520
(ATN082)	AEDC VA474(CA77/78) (B26C9-7M7) (V121E26) (VB85)	.000	.000	55.000	.000	XMRP 12.6250
(ATN047)	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VB85)	.000	16.300	55.000	.000	YMRP .0000
(ATN083)	AEDC VA474(CA77/78) (B26C9-7M7) (V121E26) (VB85)	.000	16.300	55.000	.000	ZMRP -3.3500
						SCALE .0150

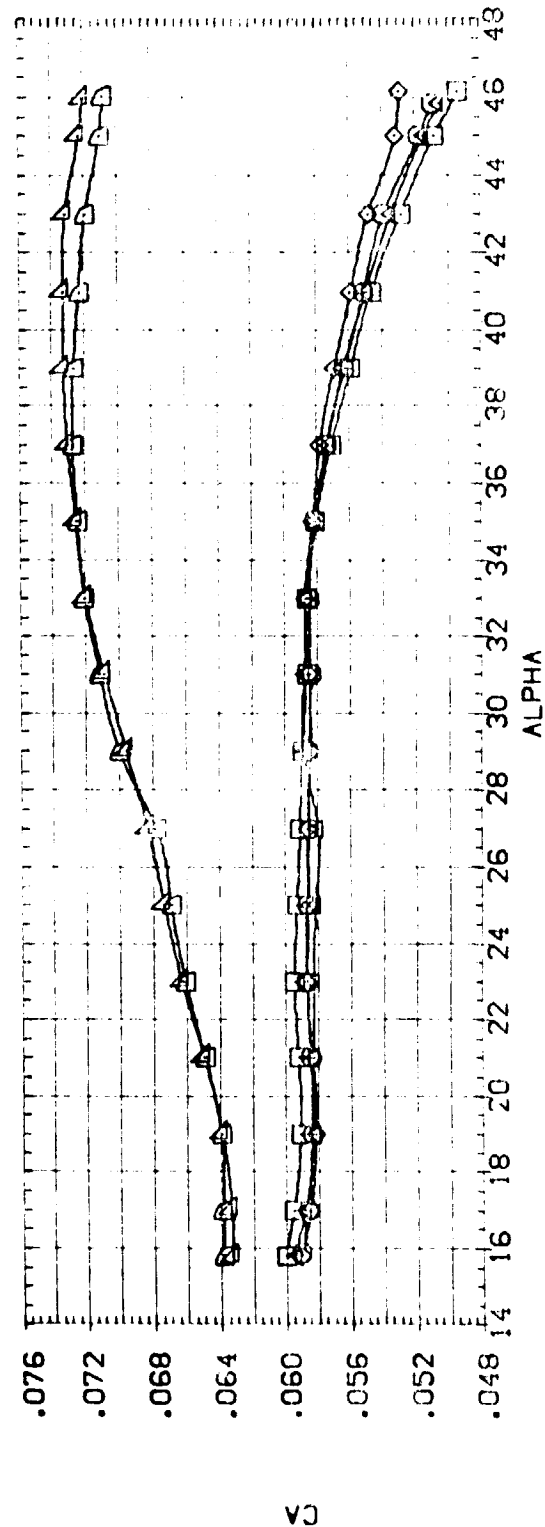
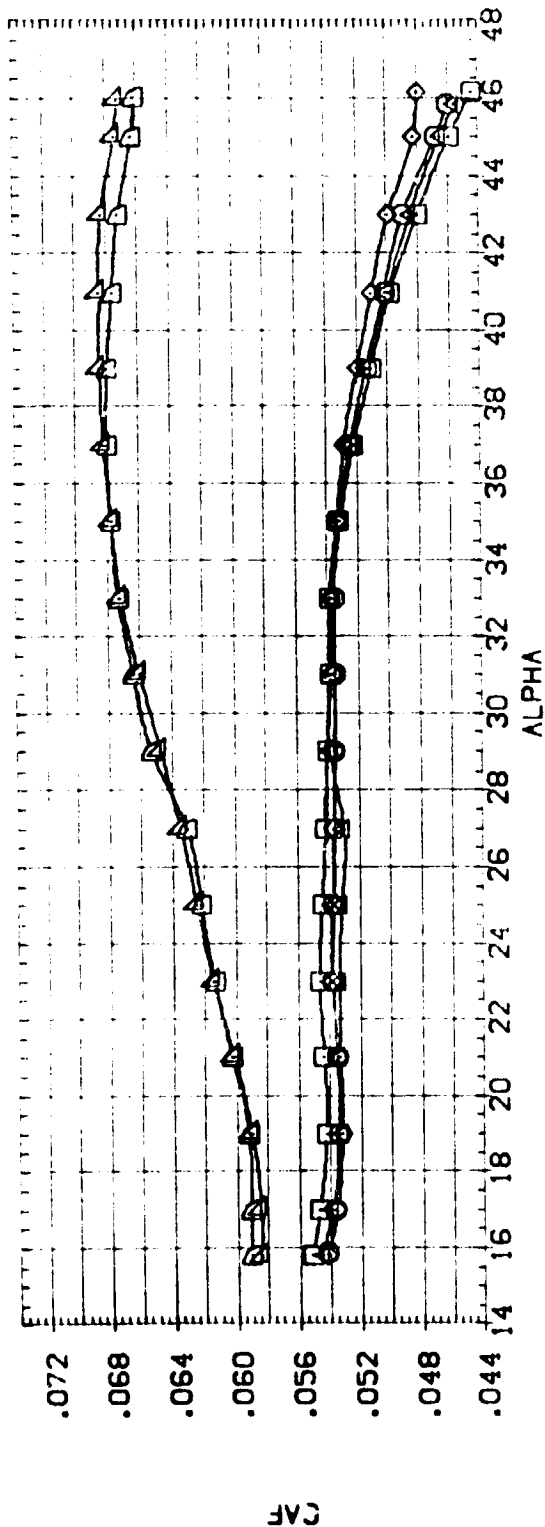


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SOURCE
[ATN011]	AEDC VA474(CA77/78) (B26C9F7M7) (W116E26) (V895)	.000	-11.700	55.000	.000	SREF	87.1560
[ATN081]	AEDC VA474(CA77/78) (B26C9F7M7) (W121E26) (V895)	.000	-11.700	55.000	.000	LREF	7.1220
[ATN031]	AEDC VA474(CA77/78) (B26C9F7M7) (W116E26) (V895)	.000	.000	55.000	.000	BREF	14.0520
[ATN082]	AEDC VA474(CA77/78) (B26C9F7M7) (W121E26) (V895)	.000	.000	55.000	.000	XMRP	2.6250
[ATN047]	AEDC VA474(CA77/78) (B26C9F7M7) (W116E26) (V895)	.000	16.300	55.000	.000	ZMRP	.0000
[ATN083]	AEDC VA474(CA77/78) (B26C9F7M7) (W121E26) (V895)	.000	16.300	55.000	.000	SCALE	.0150

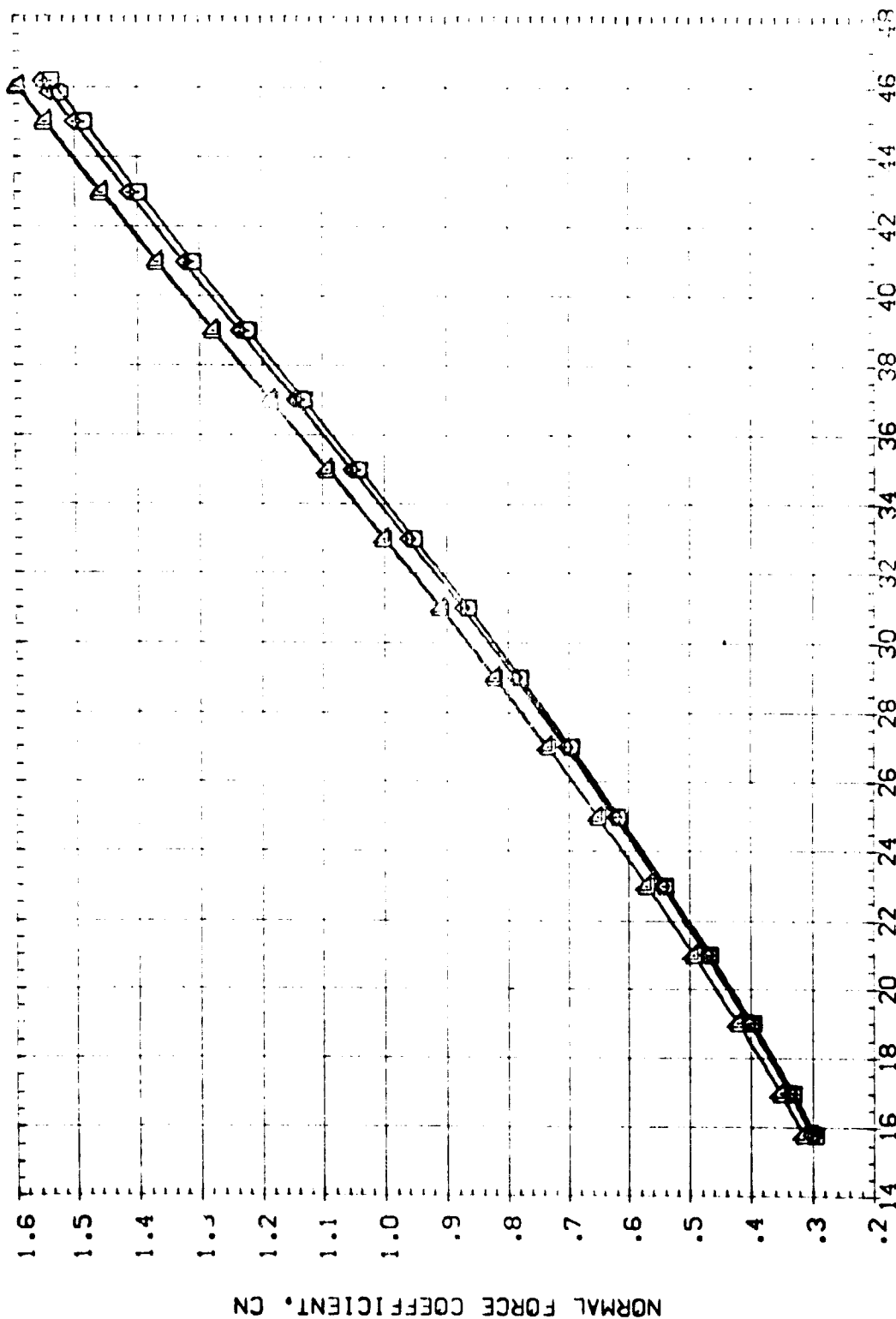


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION. MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO IN.
[A'NO11]	AEDC VA474(CA77/78) (B26C97M7) (V11E26) (V895)	.000	-11.700	55.000	.000	SREF 87.156C	INCHES
[A'NO81]	AEDC VA474(CA77/78) (B26C97M7) (V12E26) (V895)	.000	-11.700	55.000	.000	LREF 7.120C	INCHES
[A'NO81]	AEDC VA474(CA77/78) (B26C97M7) (V11E26) (V895)	.000	.000	55.000	.000	BREF 14.032C	INCHES
[A'NO82]	AEDC VA474(CA77/78) (B26C97M7) (V12E26) (V895)	.000	.000	55.000	.000	XMRP 2.625C	INCHES
[A'NO47]	AEDC VA474(CA77/78) (B26C97M7) (V11E26) (V895)	.000	16.300	55.000	.000	ZMRP .000C	INCHES
[A'NO83]	AEDC VA474(CA77/78) (B26C97M7) (V12E26) (V895)	.000	16.300	55.000	.000	SCALE .0150	INCHES

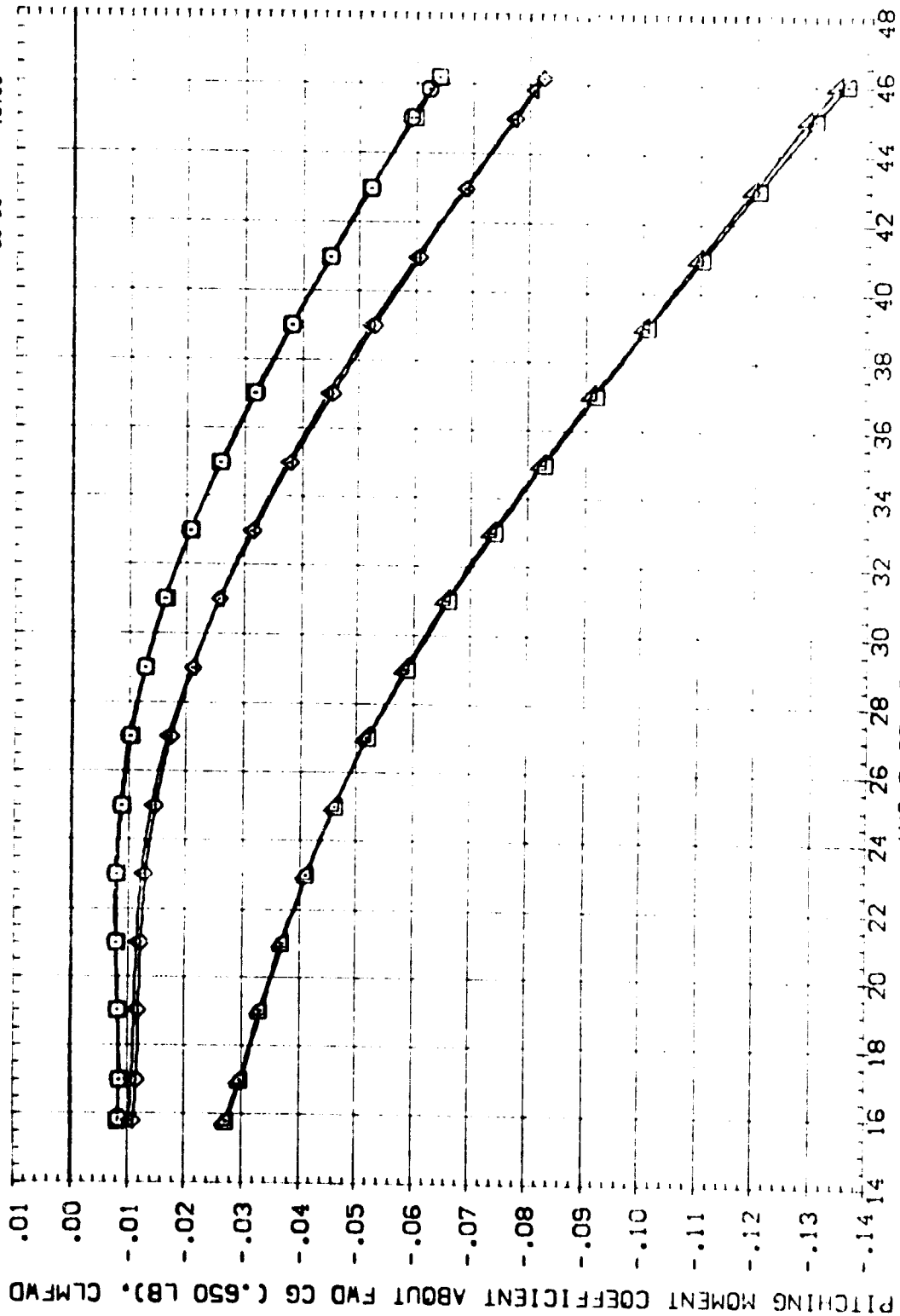


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

[A]MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BD FLAP	SPODRK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474 (Q477/78) (B26C9F747) (V116E26) (V8RS)	.000	-11.700	55.000	.000	SPDF 87.1500
[ATN081]	AEDC VA474 (Q477/78) (B26C9F747) (V121E26) (V8RS)	.000	-11.700	55.000	.000	SPDF 71.1500
[ATN031]	AEDC VA474 (Q477/78) (B26C9F747) (V116E26) (V8RS)	.000	.000	55.000	.000	SPDF 71.1500
[ATN082]	AEDC VA474 (Q477/78) (B26C9F747) (V121E26) (V8RS)	.000	.000	55.000	.000	SPDF 71.1500
[ATN047]	AEDC VA474 (Q477/78) (B26C9F747) (V116E26) (V8RS)	.000	16.300	55.000	.000	SPDF 71.1500
[ATN083]	AEDC VA474 (Q477/78) (B26C9F747) (V121E26) (V8RS)	.000	16.300	55.000	.000	SPDF 71.1500

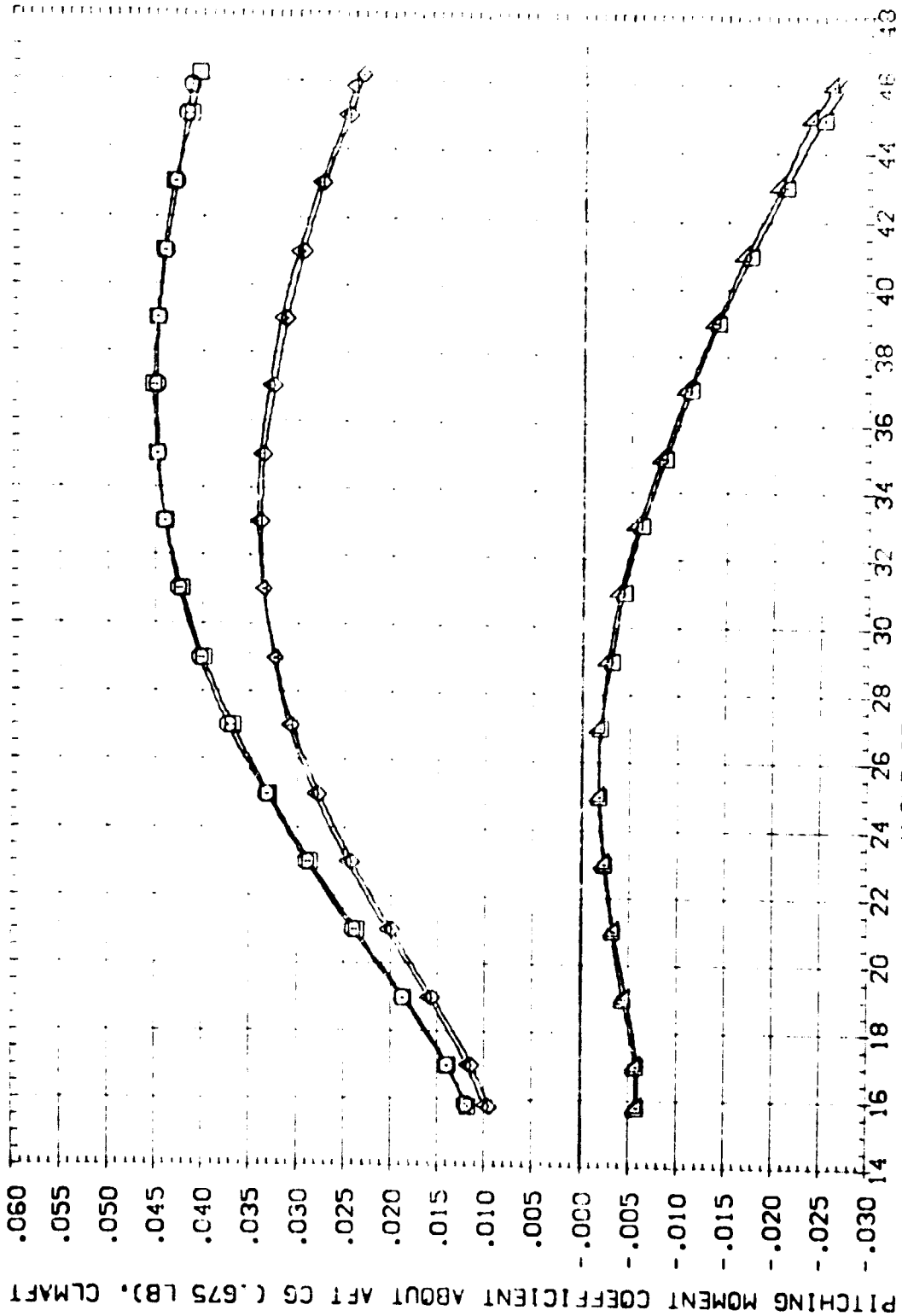


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
[ATN01]	[C]	AEDC VA474 (CAT7/78) (B26C9/747) (V116E26) (VBR5)	.000	-11.700	55.000	.000	SREF 87.1560
[ATN02]	[X]	AEDC VA474 (CAT7/78) (B26C9/747) (V121E26) (VBR5)	.000	-11.700	55.000	.000	LREF 7.1220
[ATN03]	[X]	AEDC VA474 (CAT7/78) (B26C9/747) (V16E26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520
[ATN04]	[X]	AEDC VA474 (CAT7/78) (B26C9/747) (V16E26) (VBR5)	.000	.000	55.000	.000	YREF 12.6250
[ATN05]	[X]	AEDC VA474 (CAT7/78) (B26C9/747) (V16E26) (VBR5)	.000	16.300	55.000	.000	ZREF .0000
[ATN06]	[X]	AEDC VA474 (CAT7/78) (B26C9/747) (V121E26) (VBR5)	.000	16.300	55.000	.000	ZPRP -3.3500
							SCALE .0150

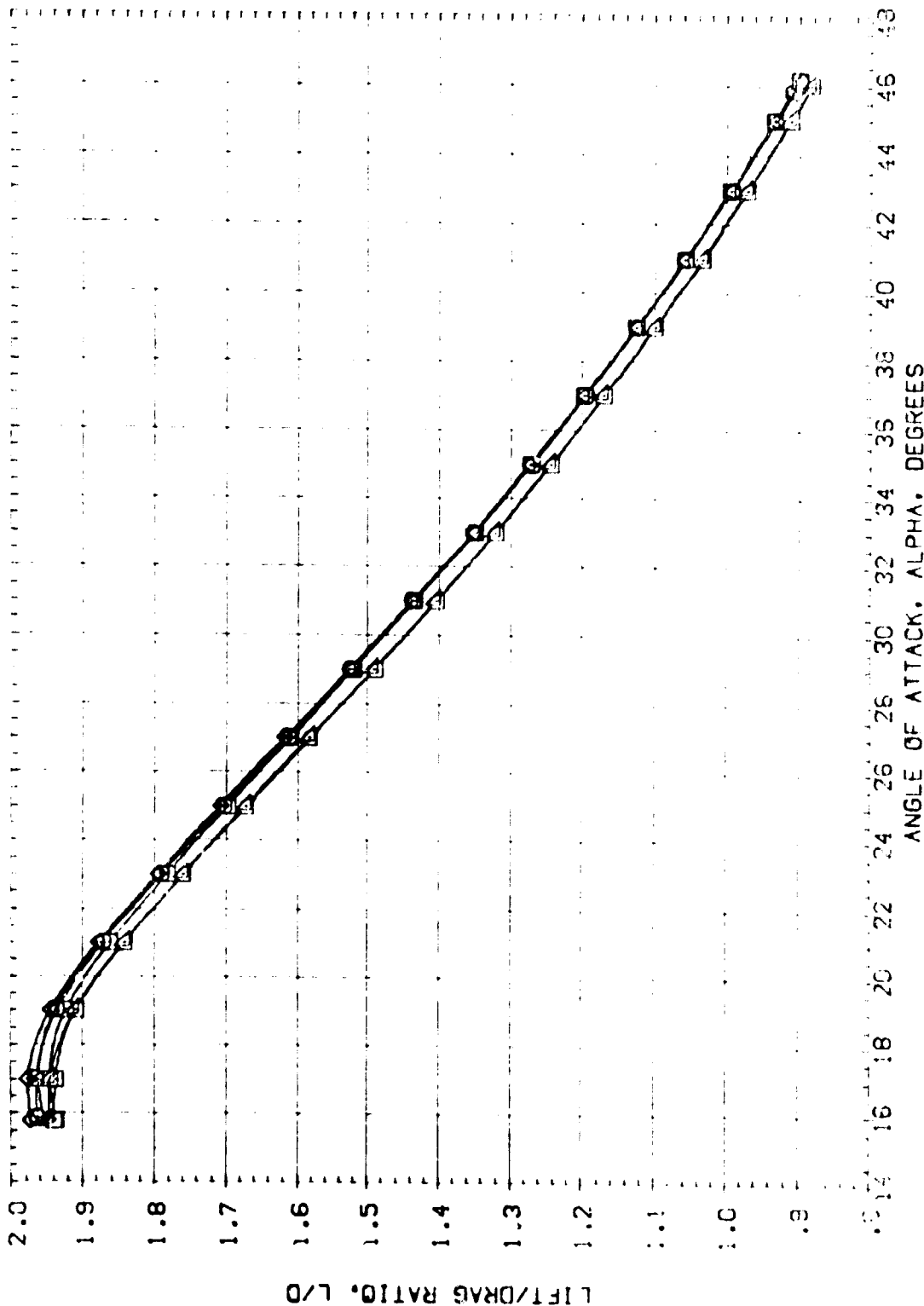


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A) MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26) (VBRS)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN081)	AEDC VA474(OA77/78) (B26C9F7M7) (W121E26) (VBRS)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26) (VBRS)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(ATN082)	AEDC VA474(OA77/78) (B26C9F7M7) (W121E26) (VBRS)	.000	.000	55.000	.000	XMRP 12.6250 INCHES
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26) (VBRS)	.000	16.300	55.000	.000	YMRP -.0000 INCHES
(ATN083)	AEDC VA474(OA77/78) (B26C9F7M7) (W121E26) (VBRS)	.000	16.300	55.000	.000	ZMRP -.0150 INCHES
						SCALE

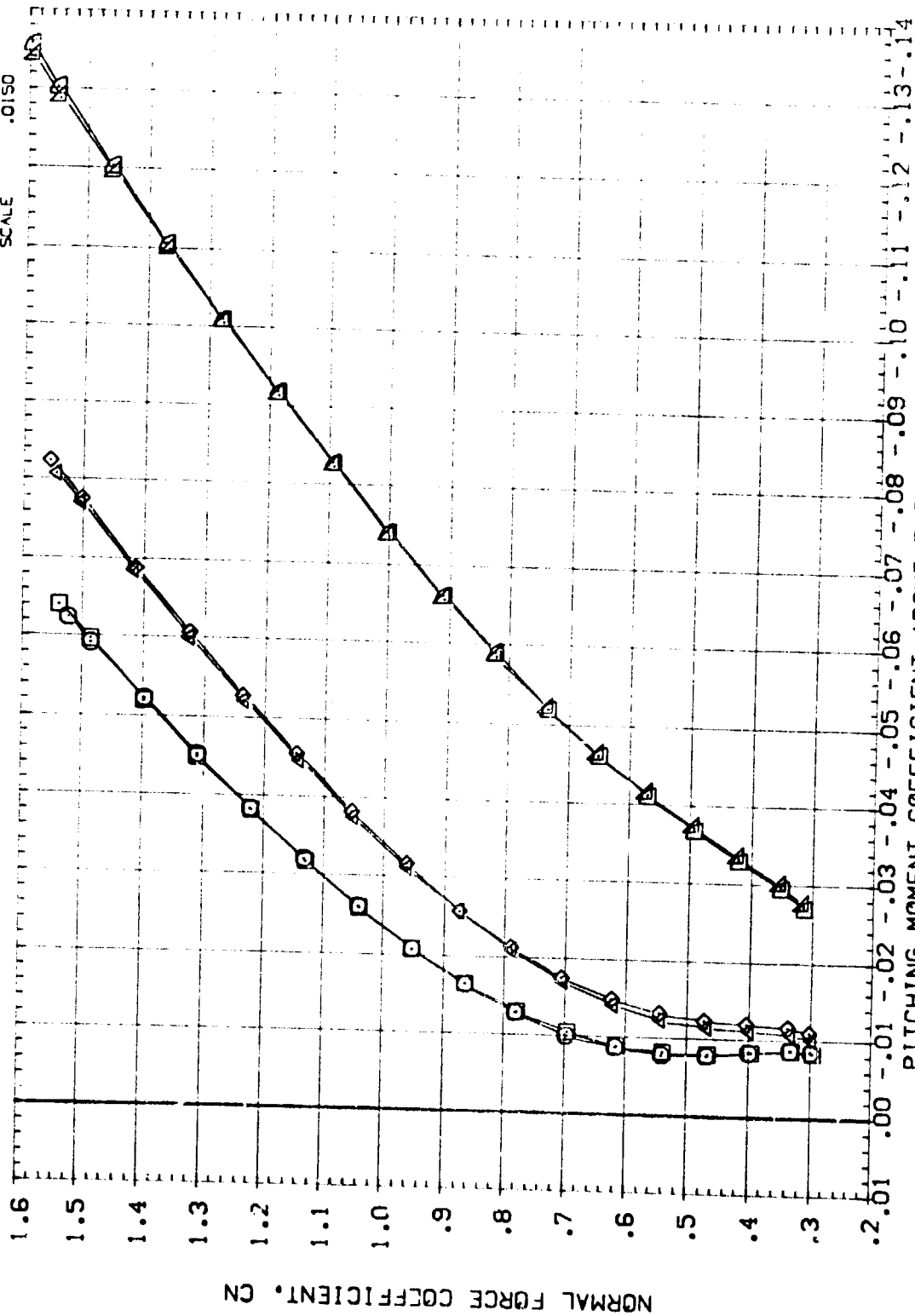


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

DATA SET SYMBO	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ.IN.
(ATN081)	AEDC VA474(OA77/78) (B26C9F7M7) (V121E26) (VBR5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(ATN082)	AEDC VA474(OA77/78) (B26C9F7M7) (V121E26) (VBR5)	.000	.000	55.000	.000	XMRP 12.6250 INCHES
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	16.300	55.000	.000	YMRP 1.0000 INCHES
(ATN083)	AEDC VA474(OA77/78) (B26C9F7M7) (V121E26) (VBR5)	.000	16.300	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

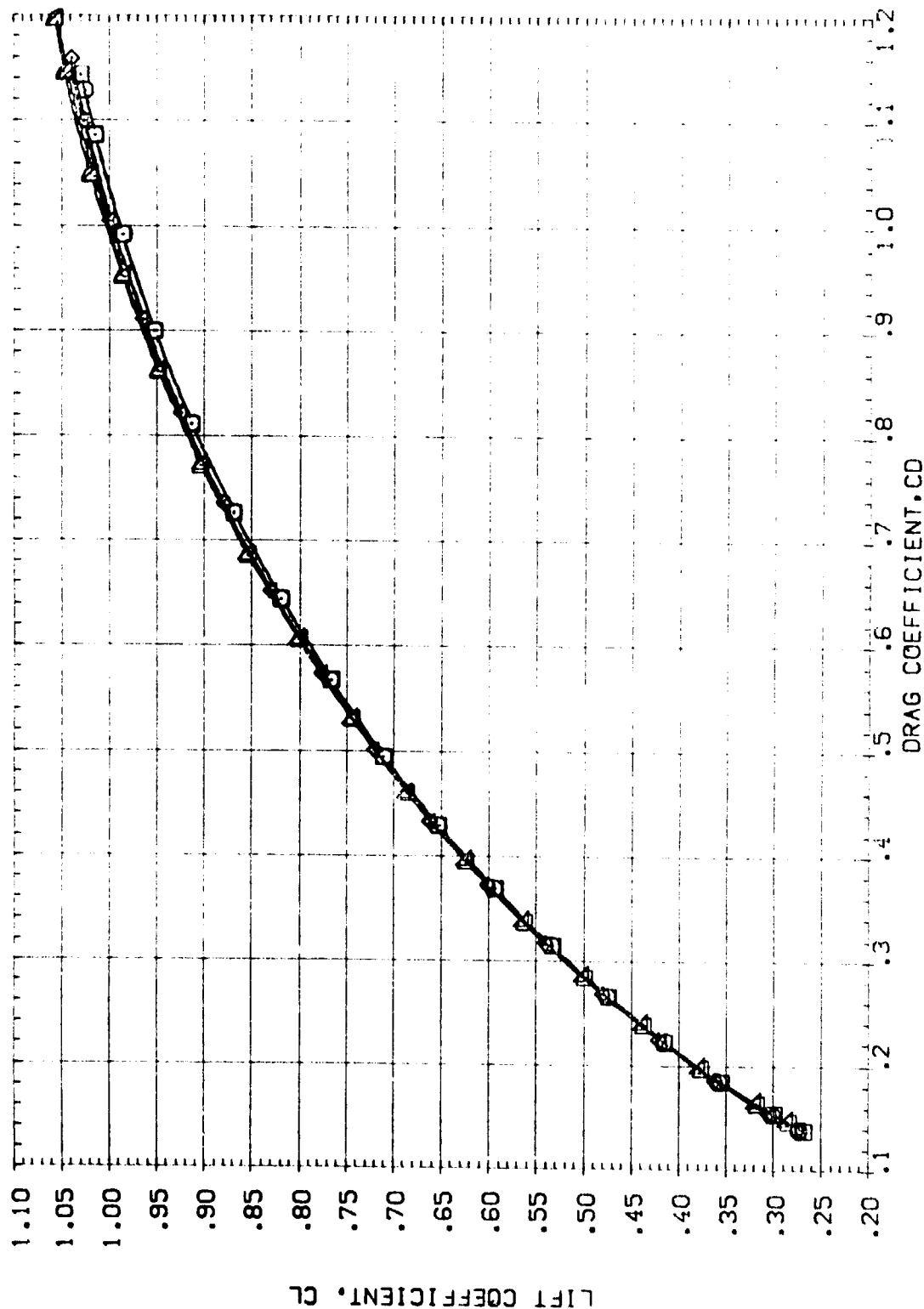


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BOFLAP SPOBRK RUDDER REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(GA77/78) (826C9F7M7) (W116E26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN081)	AEDC VA474(GA77/78) (826C9F7M7) (W121E26)(V8R5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(GA77/78) (826C9F7M7) (W116E26)(V8R5)	.000	.000	55.000	.000	BREF 14.5520 INCHES
(ATN082)	AEDC VA474(GA77/78) (826C9F7M7) (W121E26)(V8R5)	.000	.000	55.000	.000	XMRP 12.6250 INCHES
(ATN047)	AEDC VA474(GA77/78) (826C9F7M7) (W116E26)(V8R5)	.000	16.300	55.000	.000	YMRP .0000 INCHES
(ATN083)	AEDC VA474(GA77/78) (826C9F7M7) (W121E26)(V8R5)	.000	16.300	55.000	.000	ZMRP -.3750 INCHES

SCALE 0.150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

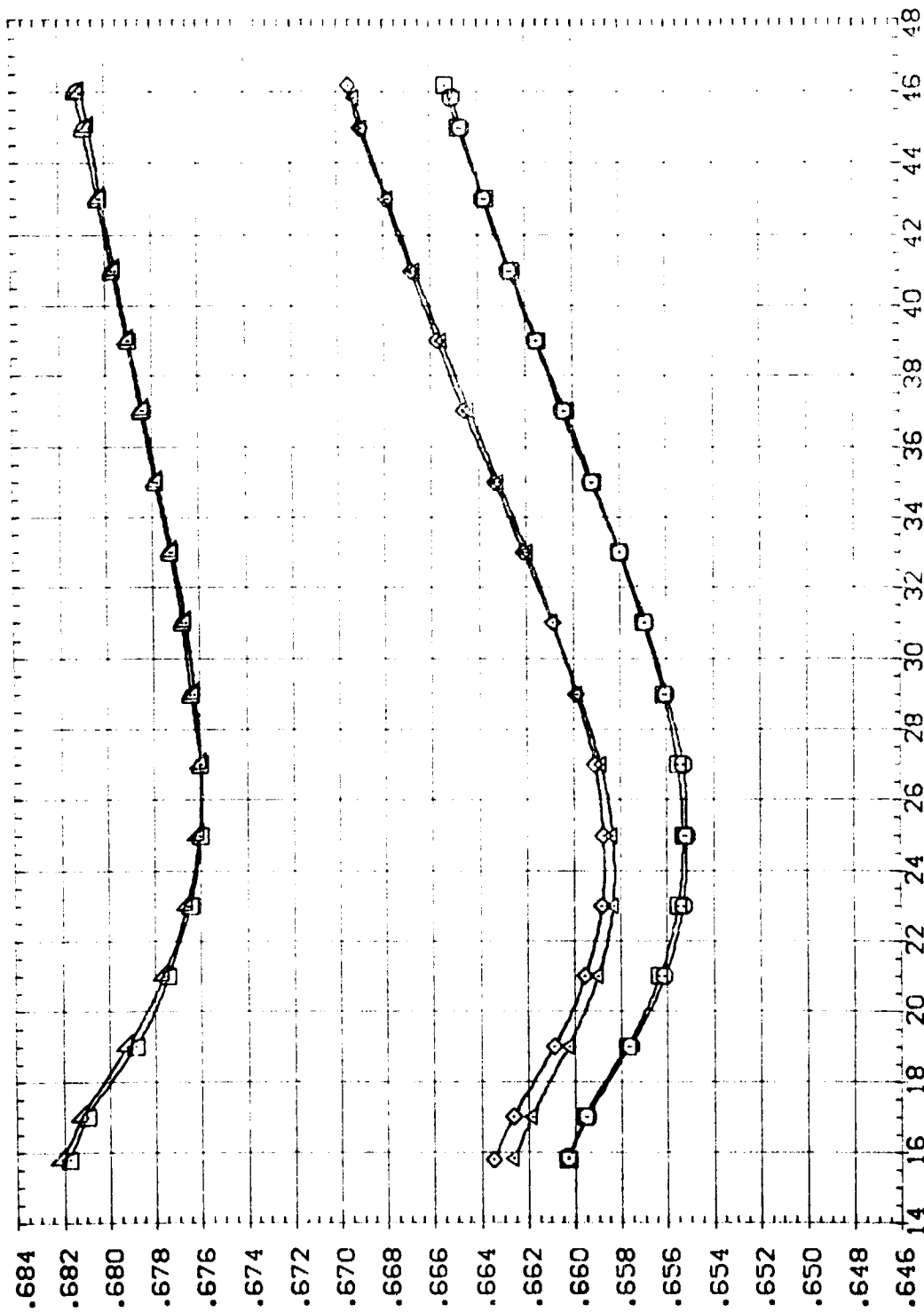


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	
{ATN011}	AEDC VA474(04/77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	SREF	87.1560
{ATN081}	AEDC VA474(04/77/78) (B26C9F7M7)(V121E26)(V8R5)	.000	-11.700	55.000	.000	LREF	7.1220
{ATN001}	AEDC VA474(04/77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	BREF	4.0520
{ATN080}	AEDC VA474(04/77/78) (B26C9F7M7)(V121E26)(V8R5)	-40.000	-11.700	55.000	.000	XMRP	2.6750
						YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

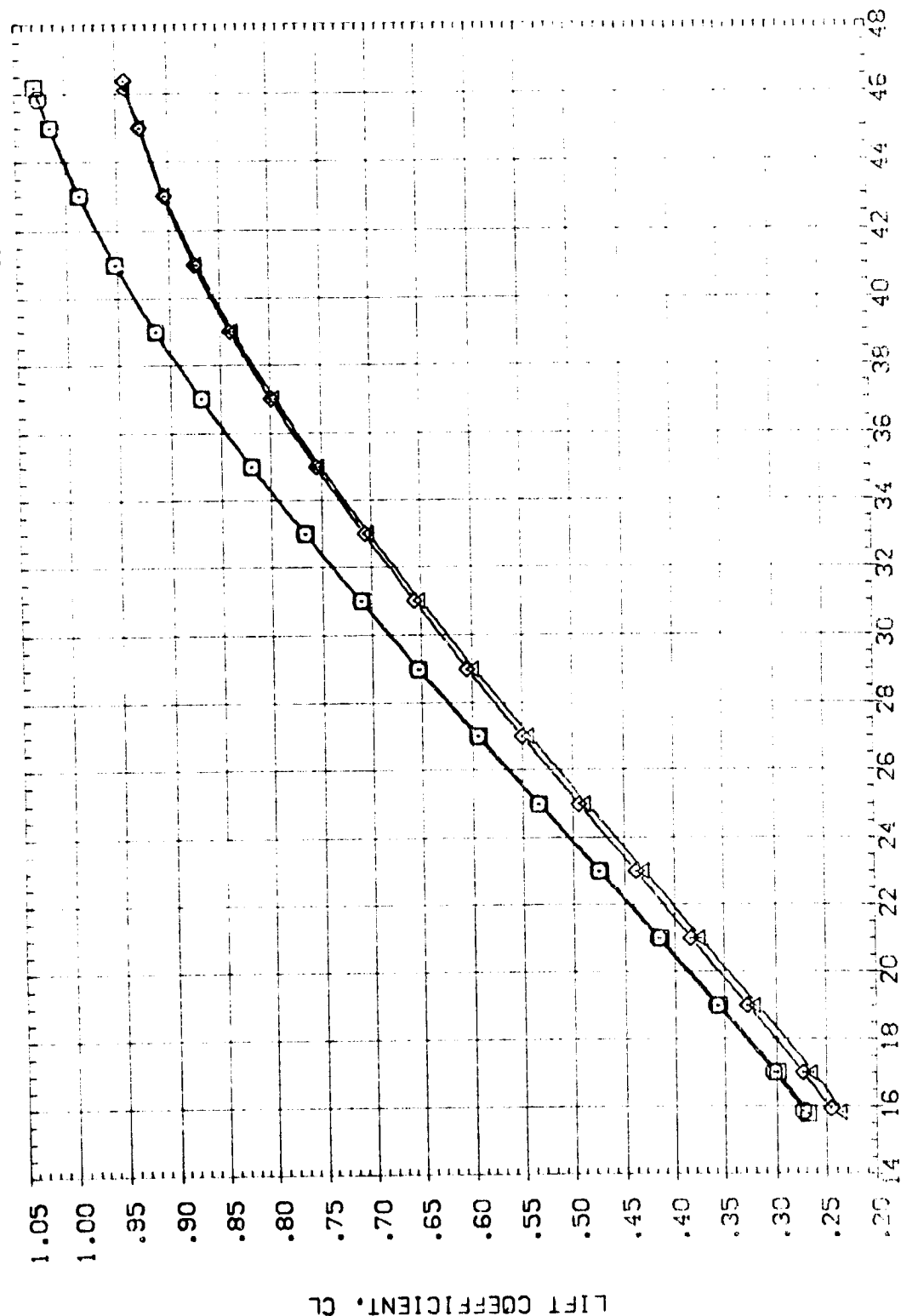


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO, IN.
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	SREF	87.1550
(ATN081)	AEDC VA474(OA77/78) (B26C9F7M7)(V121E26)(V8R5)	.000	-11.700	55.000	.000	LREF	7.1220
(ATN001)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	BREF	14.0520
(ATN080)	AEDC VA474(OA77/78) (B26C9F7M7)(V121E26)(V8R5)	-40.000	-11.700	55.000	.000	XMRP	12.6250
						YMRP	.0000
						ZMRP	-.3730
						SCALE	.0150

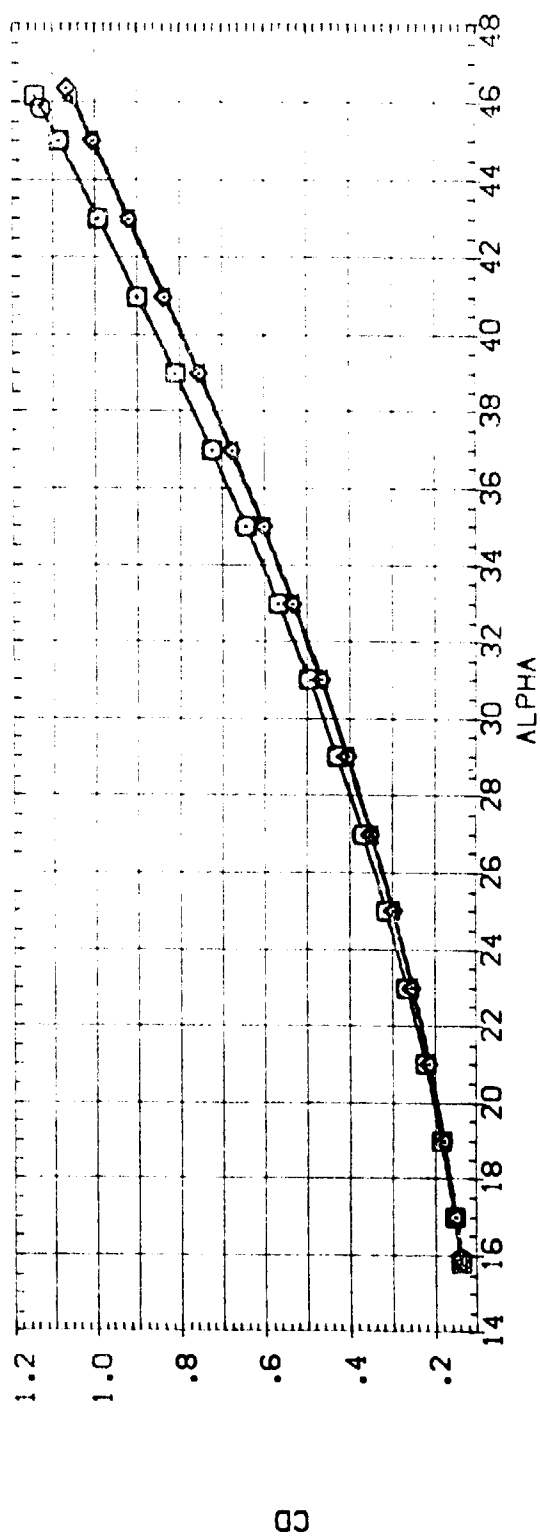
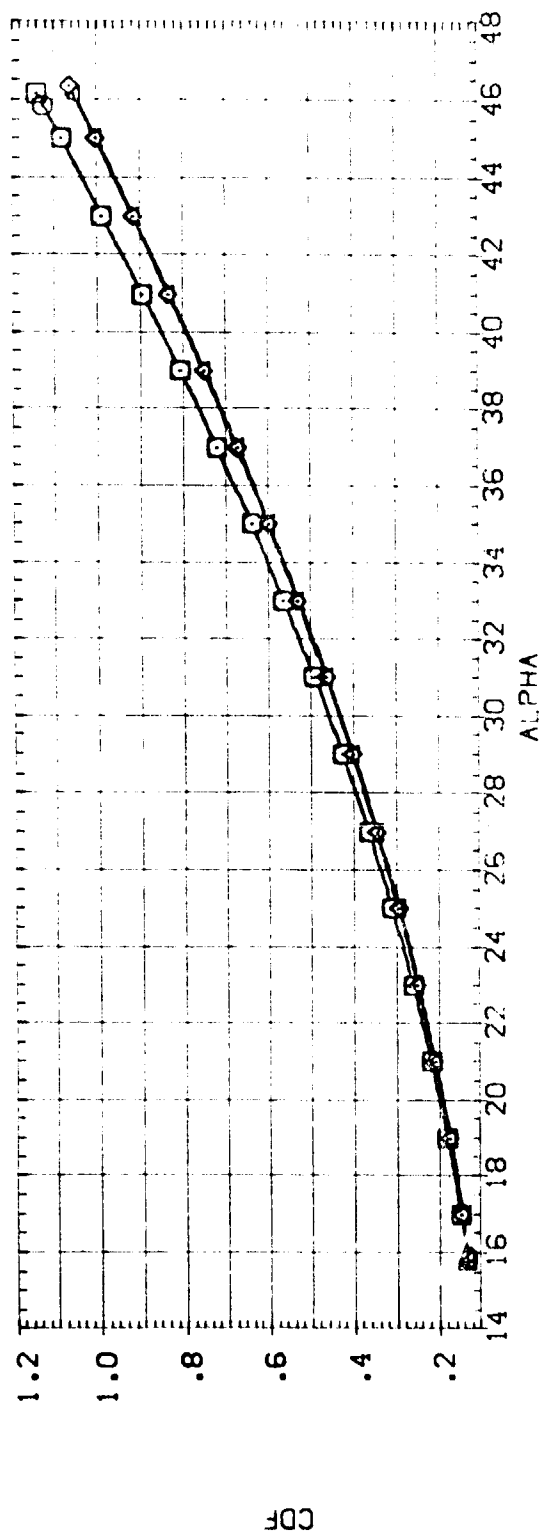


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(CA77/78) (B26C97M7) (V11E26)(VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SO. IN.
[ATN081]	AEDC VA474(CA77/78) (B26C97M7) (V121E26)(VBR5)	.000	-11.700	55.000	.000	LREF 7.1270 INCHES
[ATN001]	AEDC VA474(CA77/78) (B26C97M7) (V11E26)(VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0570 INCHES
[ATN080]	AEDC VA474(CA77/78) (B26C97M7) (V121E26)(VBR5)	-40.000	-11.700	55.000	.000	XM-RP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

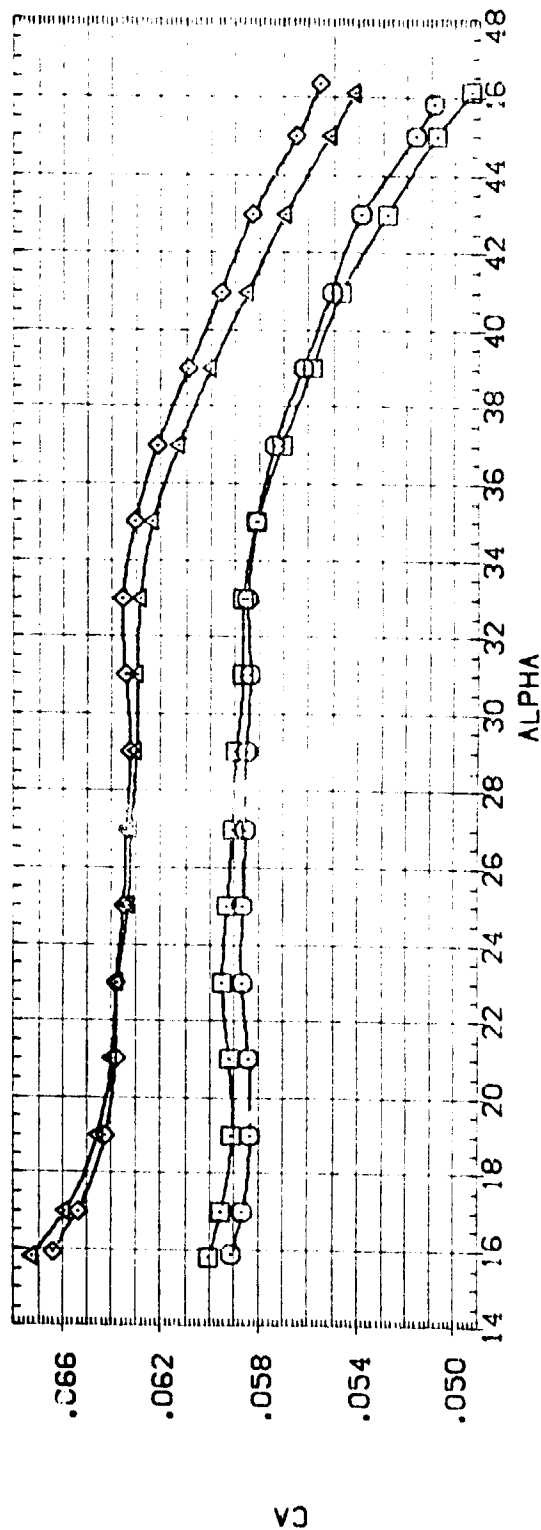
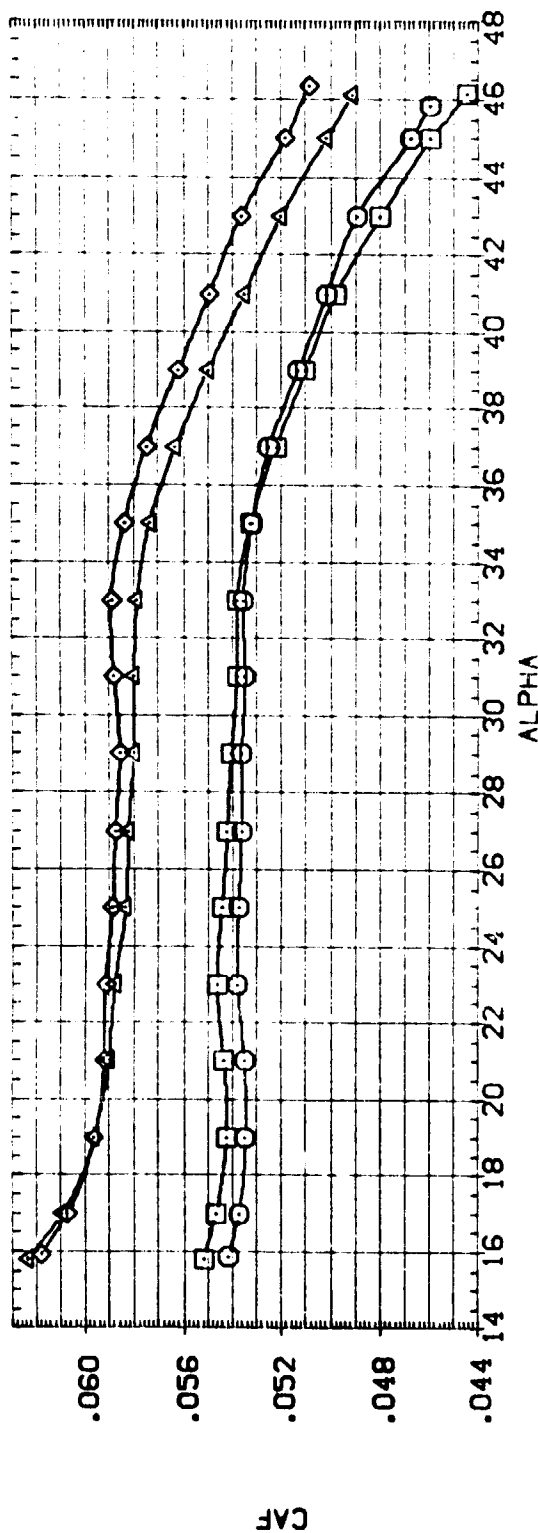


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(DA77/78) (B26C9F7M7)(V116E26)(V8R6)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN081)	AEDC VA474(DA77/78) (B26C9F7M7)(V121E26)(V8R6)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN001)	AEDC VA474(DA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	BREF 14.0320 INCHES
(ATN080)	AEDC VA474(DA77/78) (B26C9F7M7)(V121E26)(V8R5)	-40.000	-11.700	55.000	.000	YMRP 12.6750 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES
						10.150

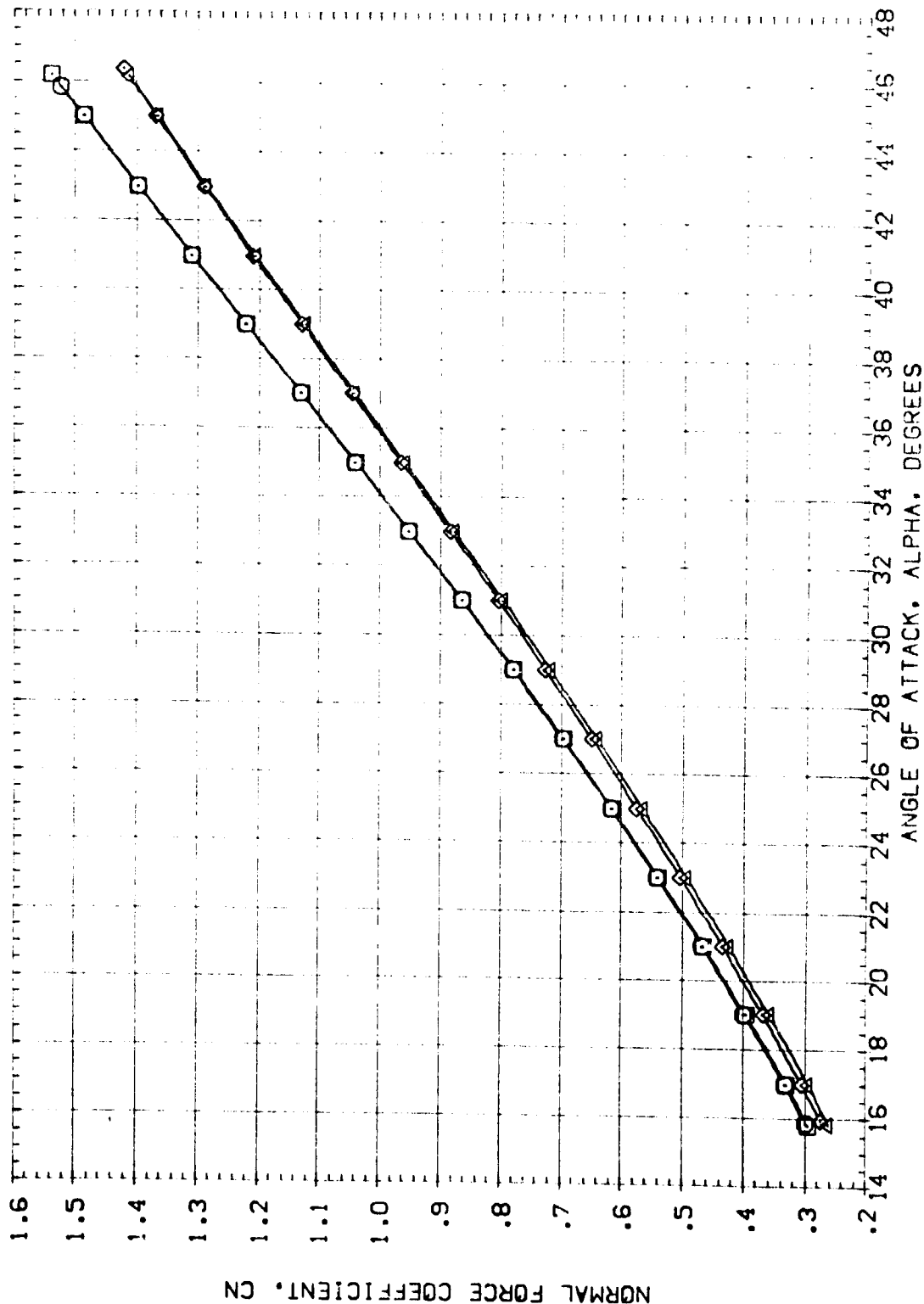


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474 (CA77/78) (B25C9F747) (V11E26) (VBRS)	.000	-11.700	55.100	.000	SREF 87.1560 INCHES
(ATN081)	AEDC VA474 (CA77/78) (B25C9F747) (V121E26) (VBRS)	.000	-11.700	55.100	.000	LREF 7.1220 INCHES
(ATN001)	AEDC VA474 (CA77/78) (B25C9F747) (V11E26) (VBRS)	-40.000	-11.700	55.100	.000	BREF 14.0520 INCHES
(ATN080)	AEDC VA474 (CA77/78) (B25C9F747) (V121E26) (VBRS)	-40.000	-11.700	55.100	.000	XMRP 2.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

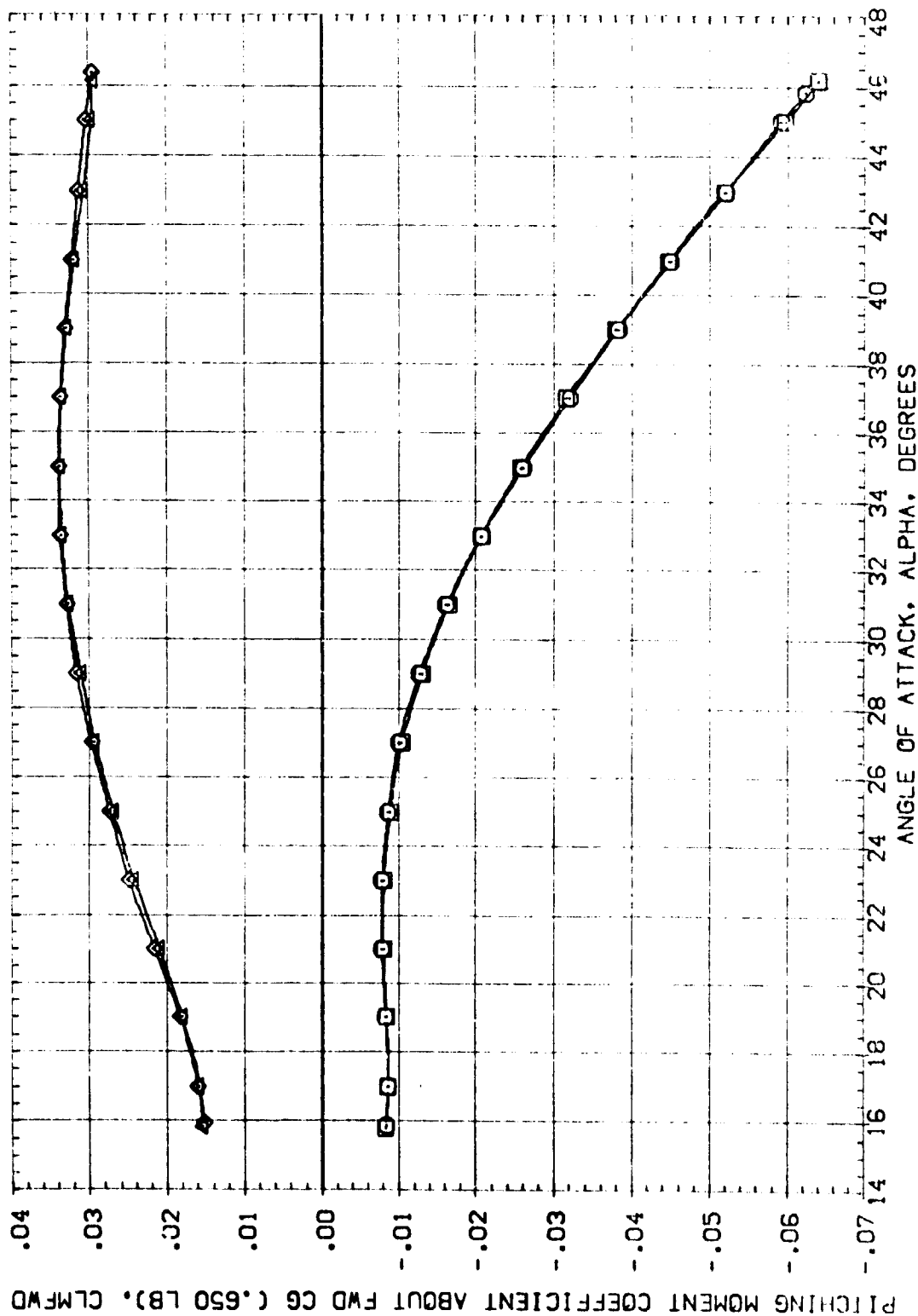


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(DA77/78) (B26CSF 7H7) (V11E26) (VBRS)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN081)	AEDC VA474(DA77/78) (B26CSF 7H7) (V121E26) (VBRS)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN001)	AEDC VA474(DA77/78) (B26CSF 7H7) (V11E26) (VBRS)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN060)	AEDC VA474(DA77/78) (B26CSF 7H7) (V121E26) (VBRS)	-40.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.0750 INCHES
						SCALE .0150

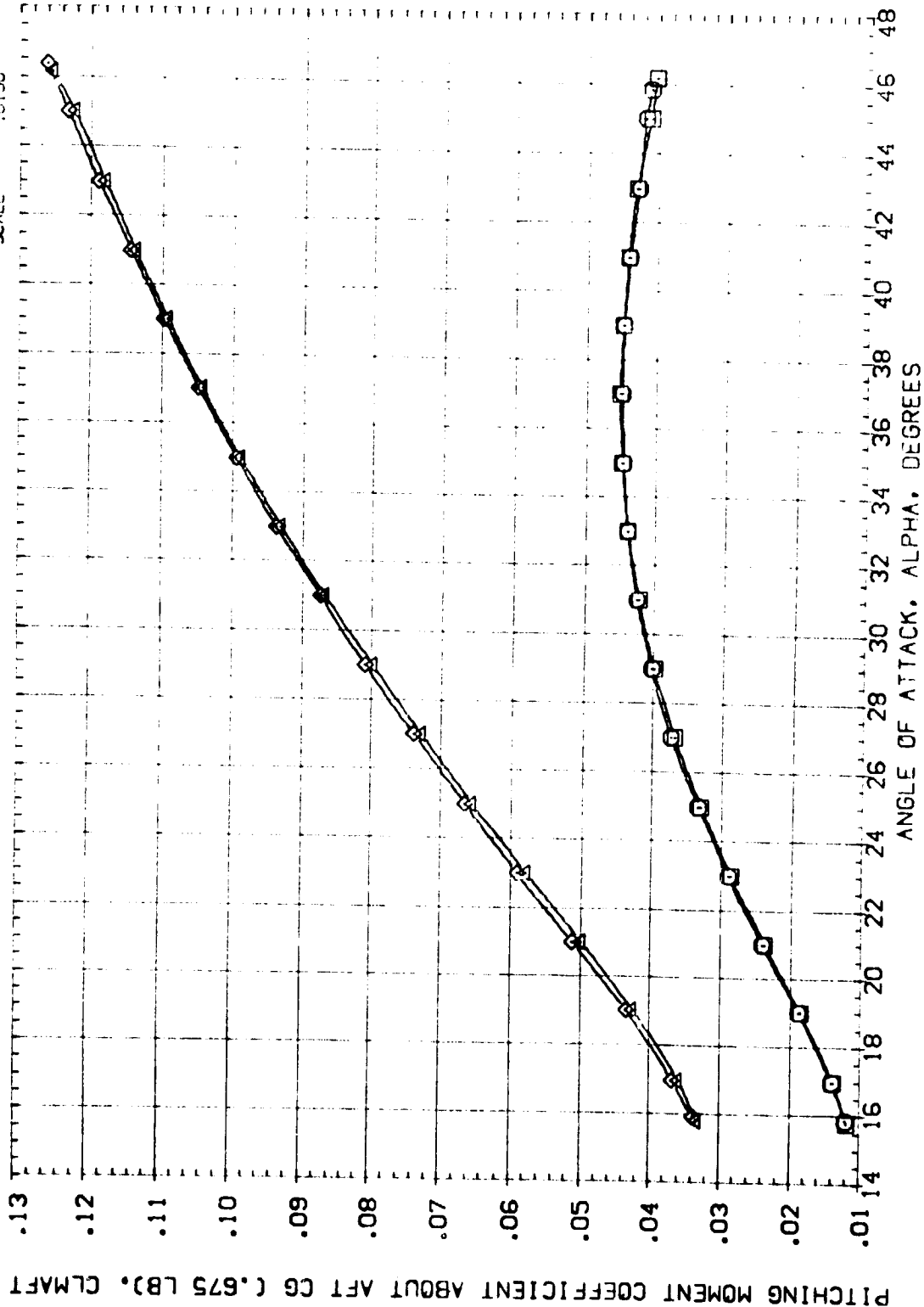


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A) MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(DA77/78) (B26C9F7H7)(V11E26)(VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 50.1N
[ATN081]	AEDC VA474(DA77/78) (B26C9F7H7)(V121E26)(VBR5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN001]	AEDC VA474(DA77/78) (B26C9F7H7)(V11E26)(VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN080]	AEDC VA474(DA77/78) (B26C9F7H7)(V121E26)(VBR5)	-40.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

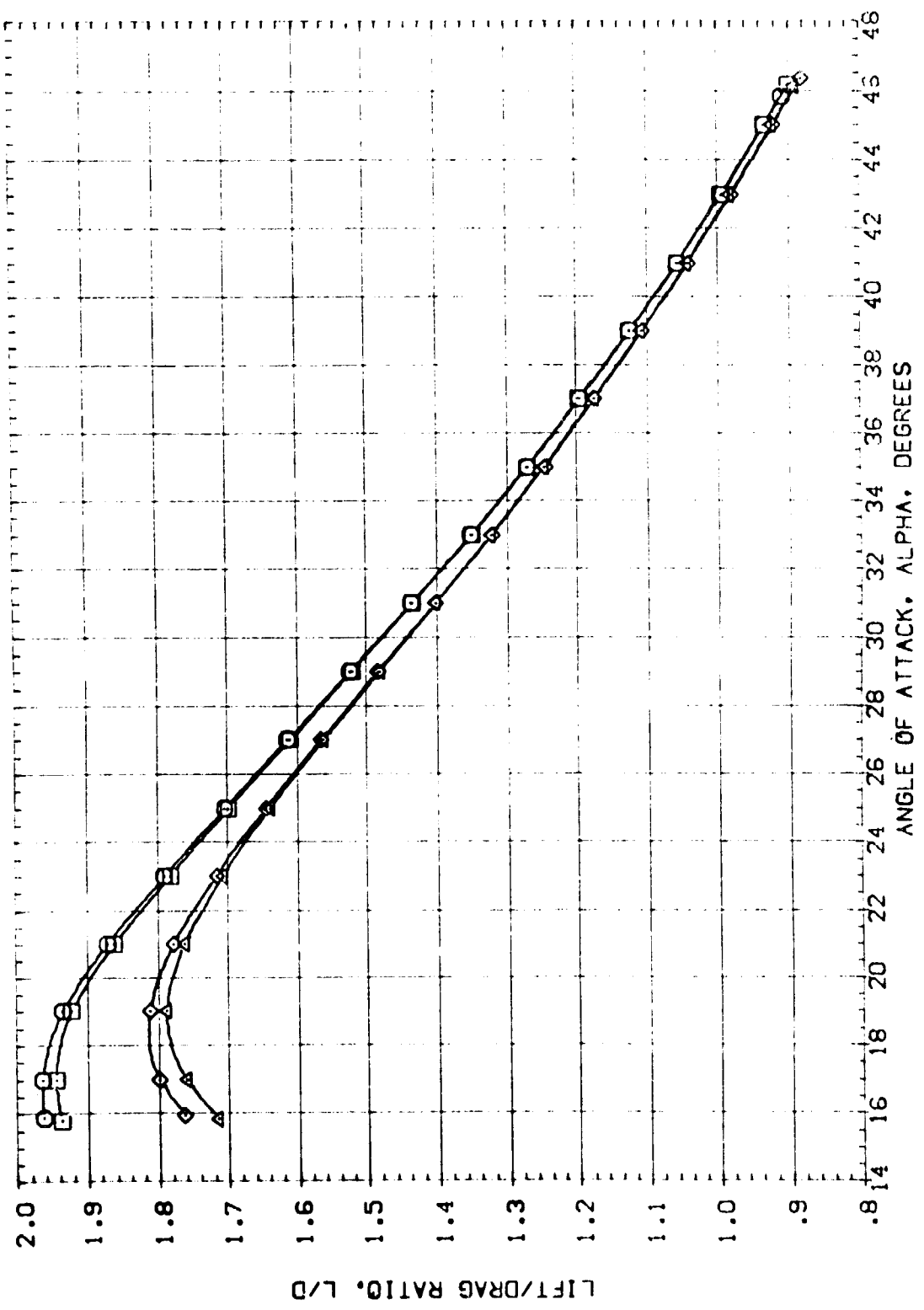
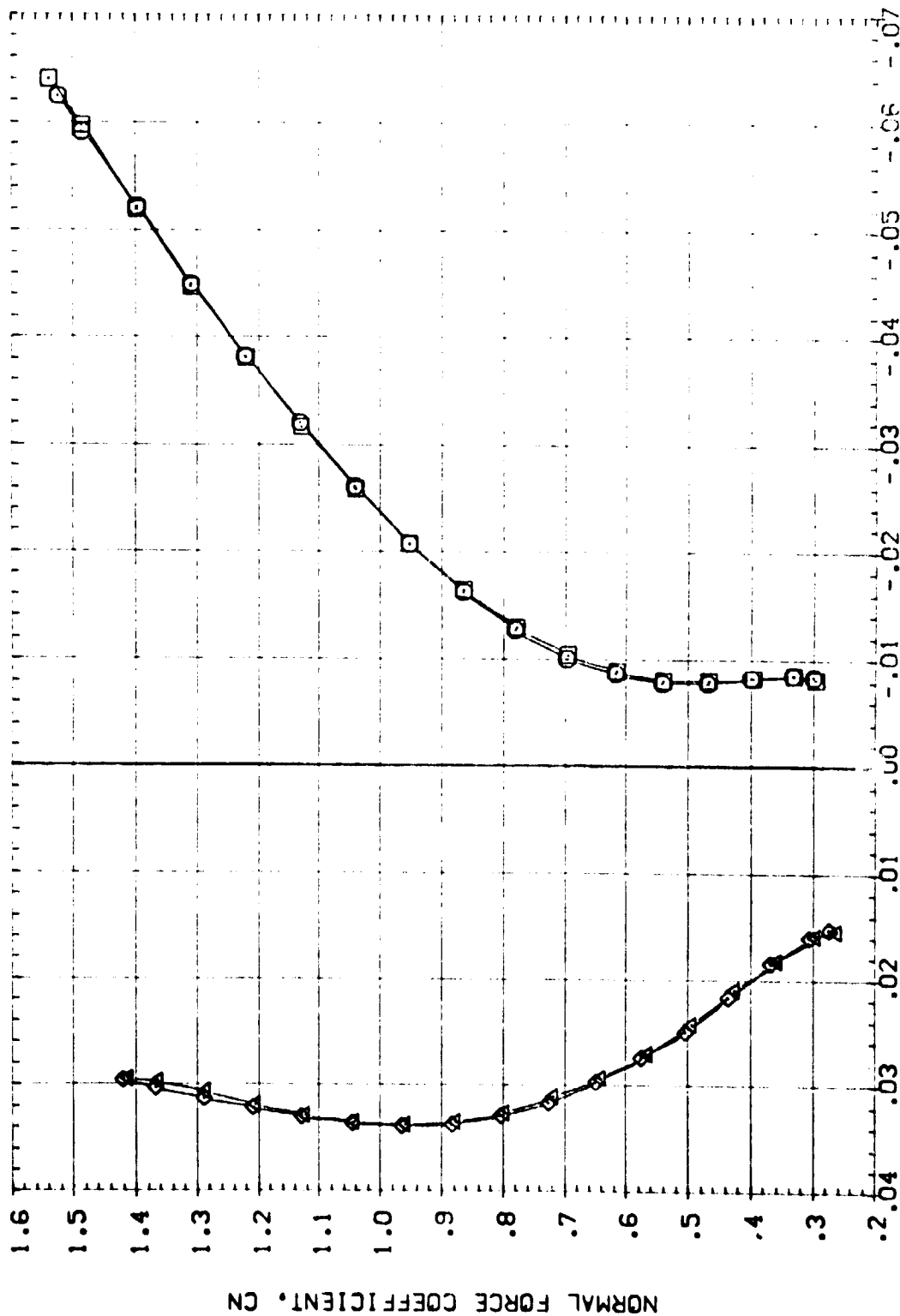


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(OA77/78) (B26C9/747) (W11E26)(VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ.IN.
(ATN081)	AEDC VA474(OA77/78) (B26C9/747) (W12E26)(VBR5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN081)	AEDC VA474(OA77/78) (B26C9/747) (W11E26)(VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN080)	AEDC VA474(OA77/78) (B26C9/747) (W12E26)(VBR5)	-40.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (0.650 LB), CLMFWO

FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPODBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(CA77/78) (B26C97M7) (W11E26)(VBR5)	.000	-11.700	55.000	.000	SREF 87.1550 SQ. IN.
(ATN081)	AEDC VA474(CA77/78) (B26C97M7) (W121E26)(VBR5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN001)	AEDC VA474(CA77/78) (B26C97M7) (W11E26)(VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN080)	AEDC VA474(CA77/78) (B26C97M7) (W121E26)(VBR5)	-40.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

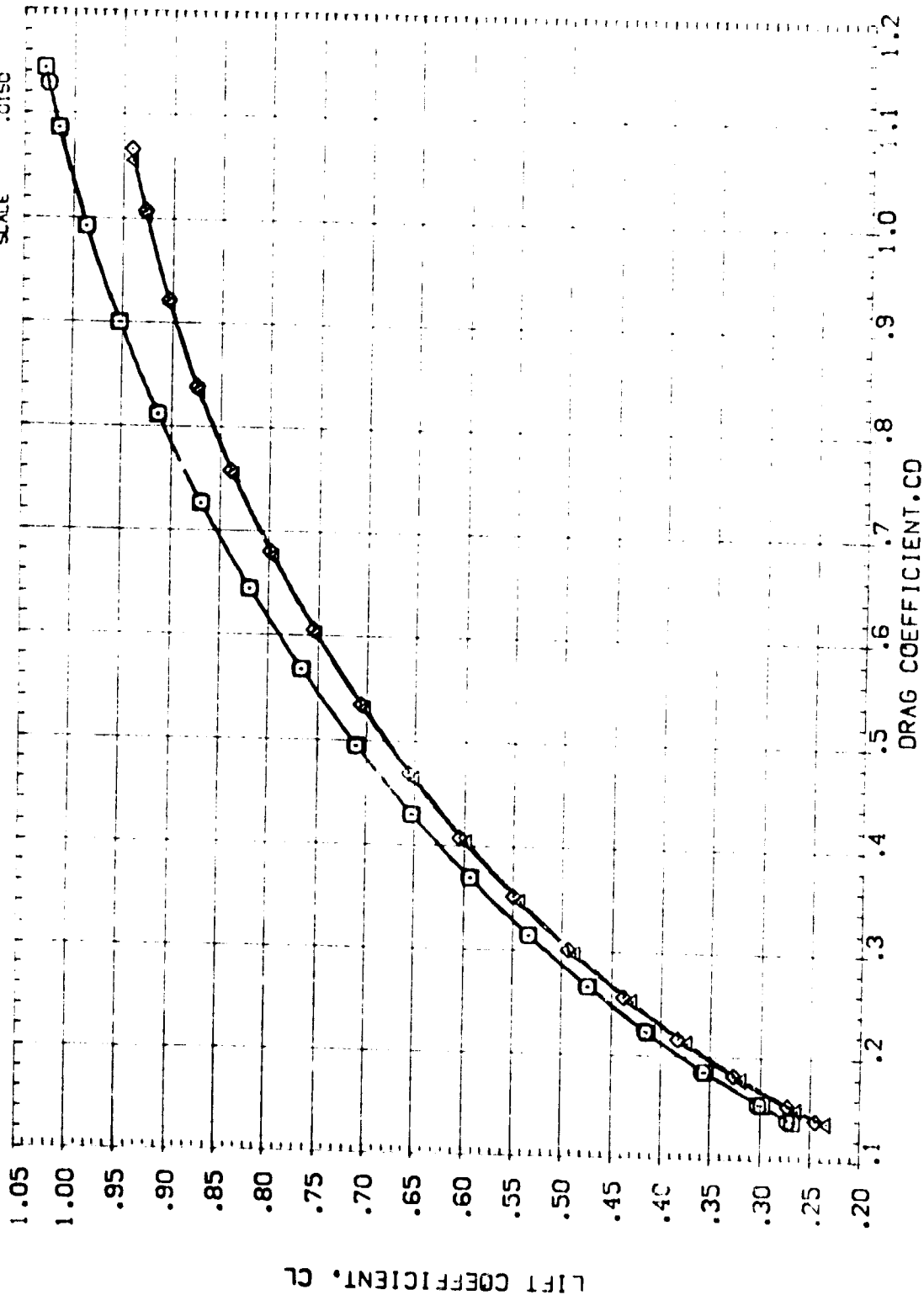


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BOFLAP SPDSBK RUDDER REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDSBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDE VA474(DA77/78) (B26C9F7M7) (V11GE26)(VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN. 50. IN.
(ATN011)	AEDE VA474(DA77/78) (B26C9F7M7) (V12IE26)(VBR5)	.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN011)	AEDE VA474(DA77/78) (B26C9F7M7) (V11GE26)(VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN080)	AEDE VA474(DA77/78) (B26C9F7M7) (V12IE26)(VBR5)	-40.000	-11.700	55.000	.000	MREF 12.6250 INCHES
						YREF .0000 INCHES
						ZREF -3750 INCHES
						SCALE .0150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

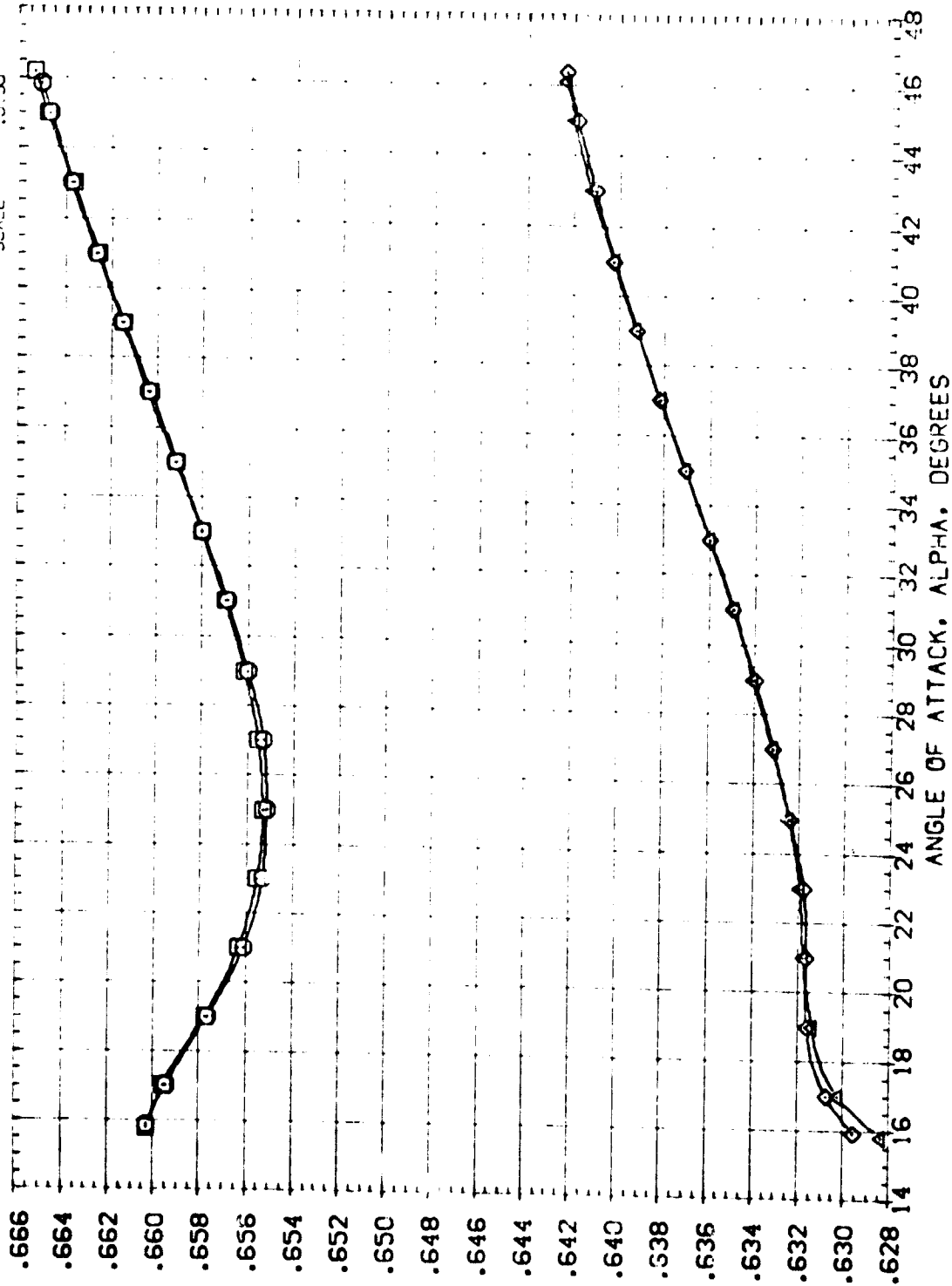


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN017)	AEDC V4174(CA77/78) (B26C9-747) (W116E26) (VBR5)	.000	16.300	55.000	.000	SREF 8' 1560
(ATN083)	AEDC V4174(CA77/78) (B26C9-747) (W121E26) (VBR5)	.000	16.300	55.000	.000	LREF 12' 1200
(ATN061)	AEDC V4174(CA77/78) (B26C9-747) (W116E26) (VBR5)	15.000	16.300	55.000	.000	BRF 14.0500
(ATN084)	AEDC V4174(CA77/78) (B26C9-747) (W121E26) (VBR5)	15.000	16.300	55.000	.000	XMRP 12.6000
						YMRP 12.6000
						YMRP 12.6000
						SCALE 0.150

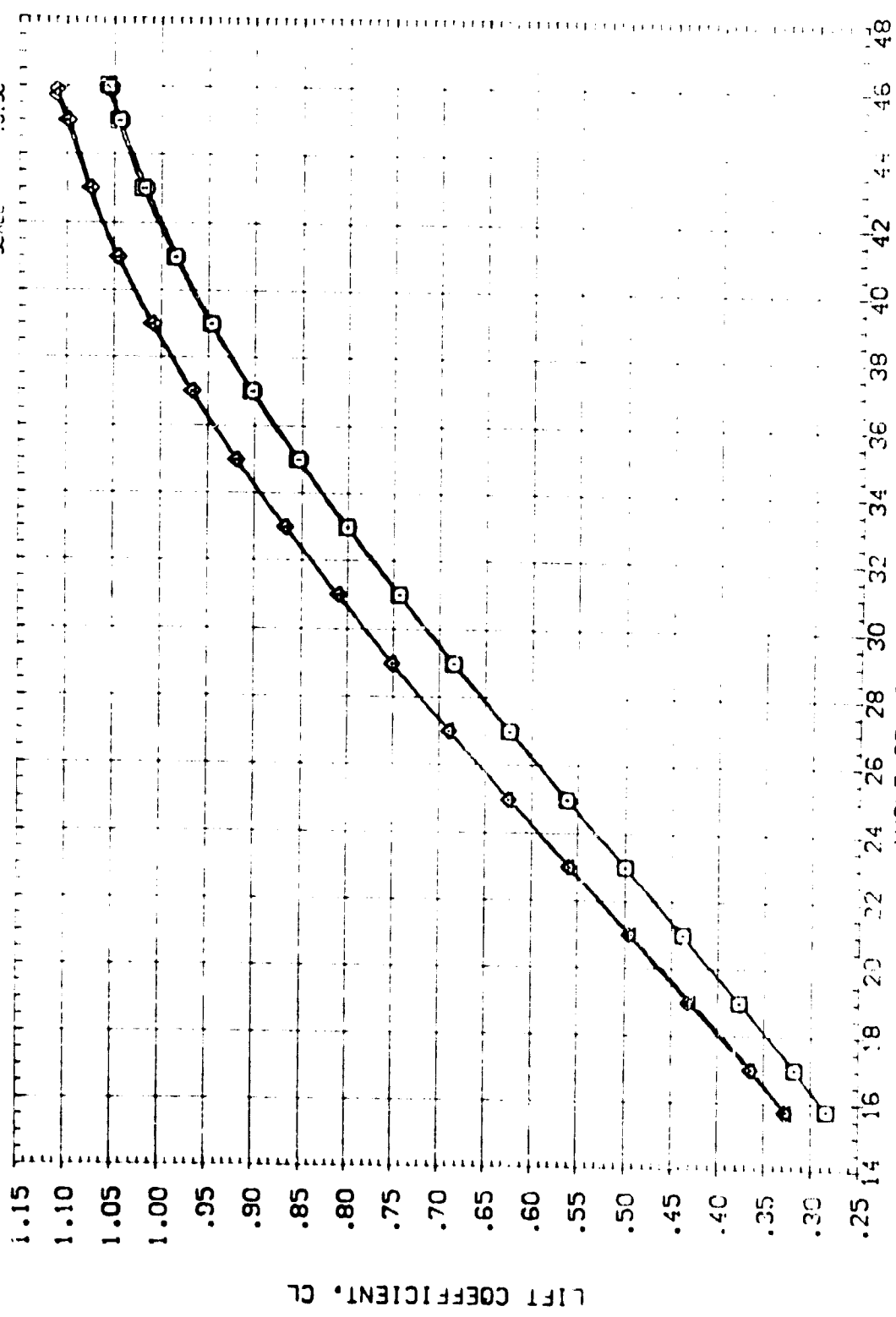


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0
(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATE	BOFLAP	PODBRK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(0477/79) (32609F7M7)(W11E26)(V8RS)	.000	16.300	55.000	.000	SREF 87.1500 SQ. IN.
(ATN083)	AEDC VA474(0477/79) (82609F7M7)(W12E26)(V8RS)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN084)	AEDC VA474(0477/79) (32609F7M7)(W11E26)(V8RS)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
	AEDC VA474(0477/78) (82609F7M7)(W12E26)(V8RS)	15.000	16.300	55.000	.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -13750
						SCALE -0.50

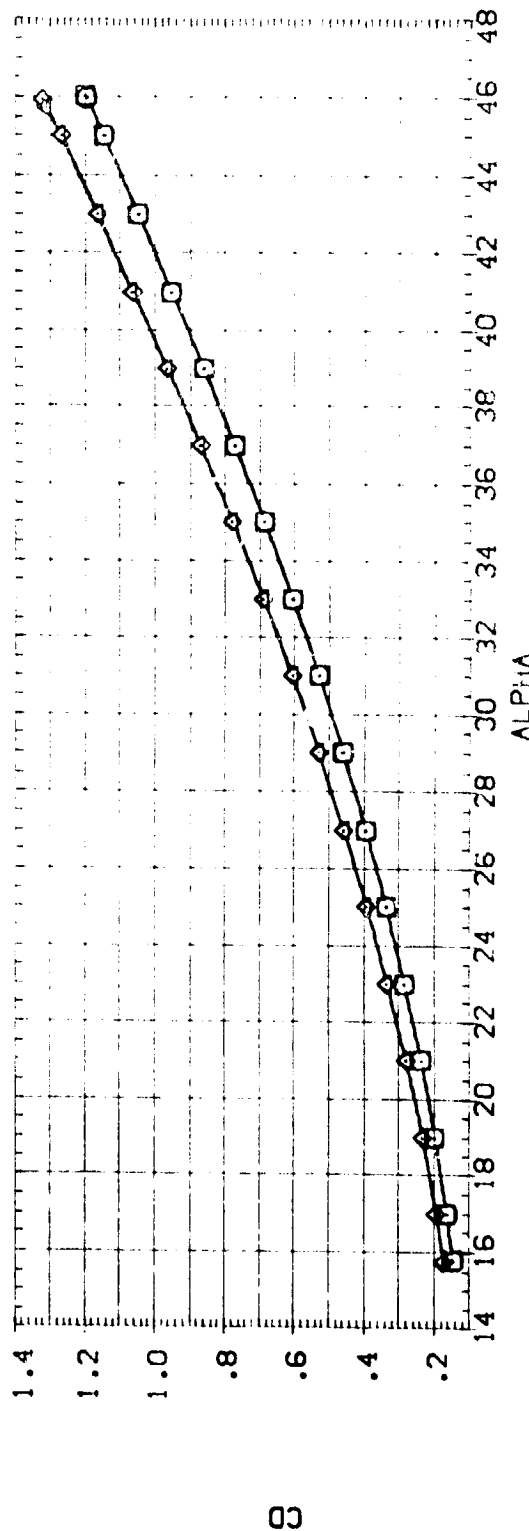
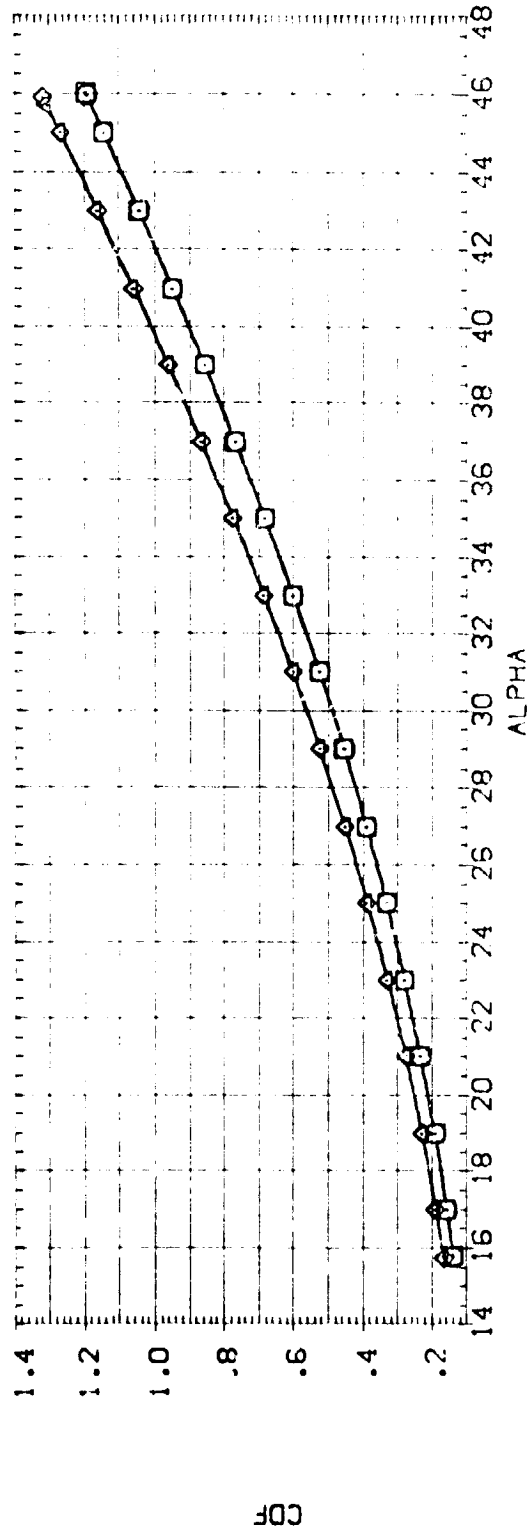


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(CA77/78) (B26C9F7M7)(V11E26)(V8R5)	.000	16.300	55.000	.000	SREF 87.1560 50.1IN.
(ATN083)	AEDC VA474(CA77/78) (B26C9F7M7)(V121E26)(V8R5)	.000	16.300	55.000	.000	LREF 7.122C
(ATN061)	AEDC VA474(CA77/78) (B26C9F7M7)(V11E26)(V8R5)	15.000	16.300	55.000	.000	SREF 14.052C
(ATN084)	AEDC VA474(CA77/78) (B26C9F7M7)(V121E26)(V8R5)	15.000	16.300	55.000	.000	XMRP 12.623C
						YMRP .000C
						ZMRP -.375C
						SCALE .0150

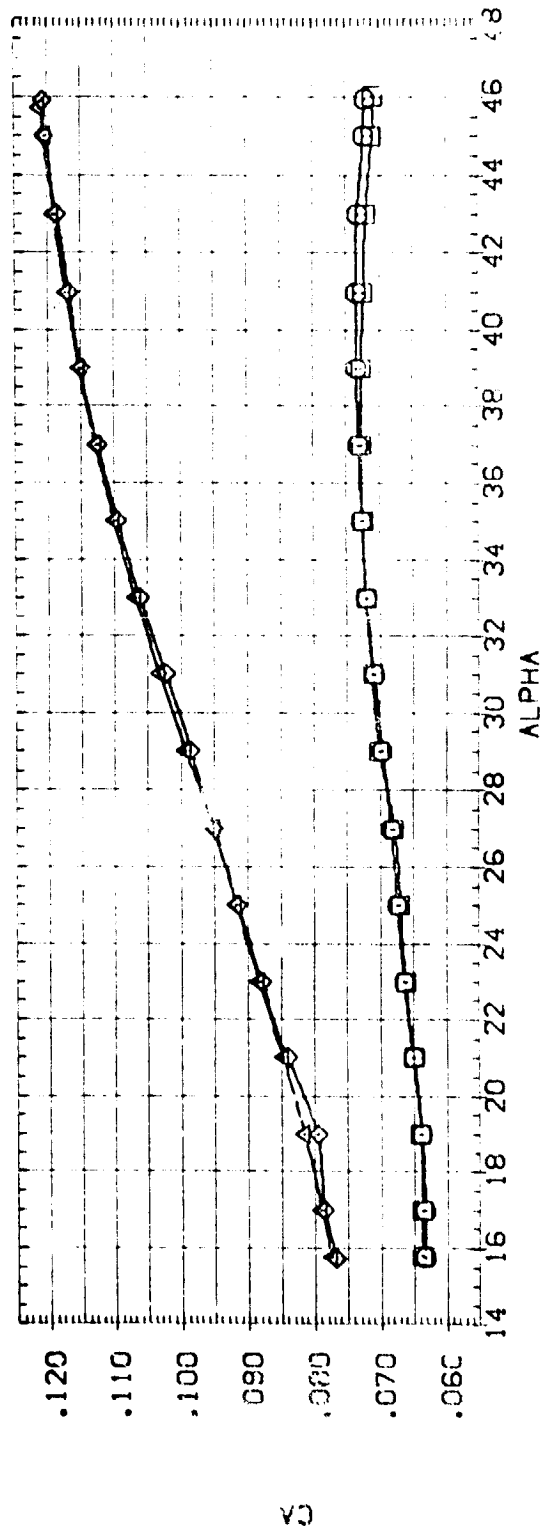
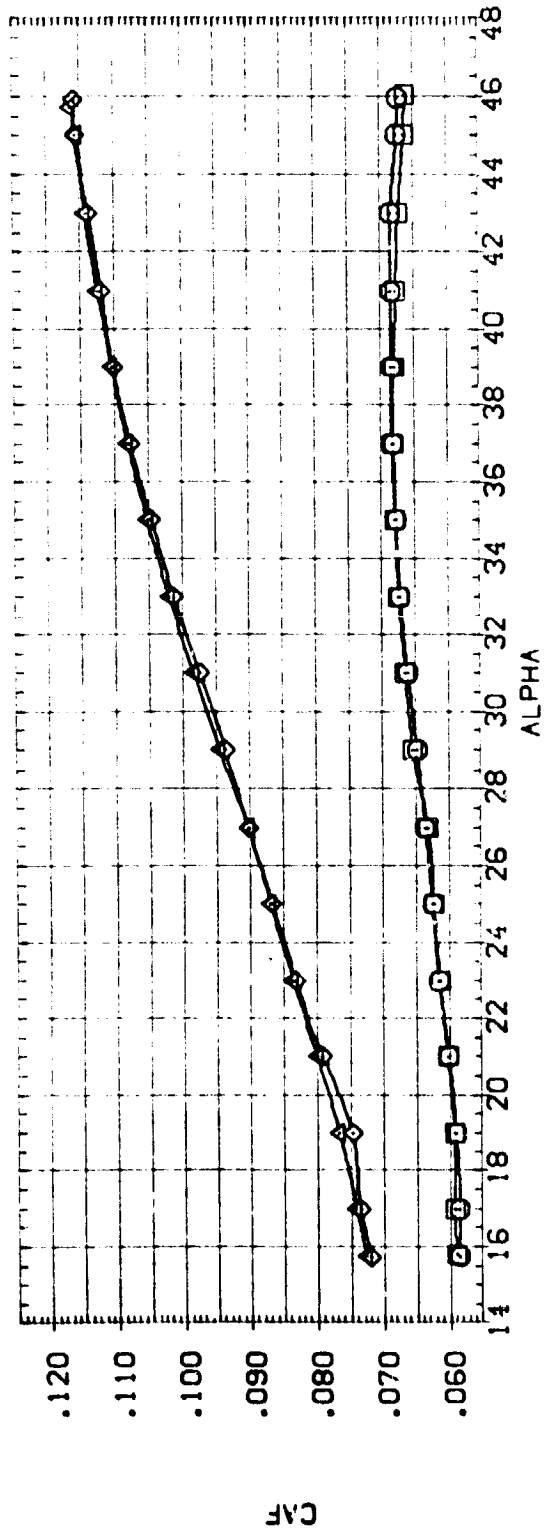


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	50 IN: S
[ATN047]	AEDC VA474(QA77/78) (B26C9F7M7) (W116E26) (VBRS)	.000	5.300	55.000	.000	SREF 87.1580	NO: 15
[ATN083]	AEDC VA474(QA77/78) (B26C9F7M7) (W121E26) (VBRS)	.000	16.300	55.000	.000	LREF 7.1220	NO: 15
[ATN081]	AEDC VA474(QA77/78) (B26C9F7M7) (W116E26) (VBRS)	15.000	16.300	55.000	.000	BREF 14.0520	NO: 15
[ATN084]	AEDC VA474(QA77/78) (B26C9F7M7) (W121E26) (VBRS)	15.000	16.300	55.000	.000	X-REF 12.6250	NO: 15
						Y-REF .0000	NO: 15
						Z-REF -.3750	NO: 15
						SCALE 10.50	

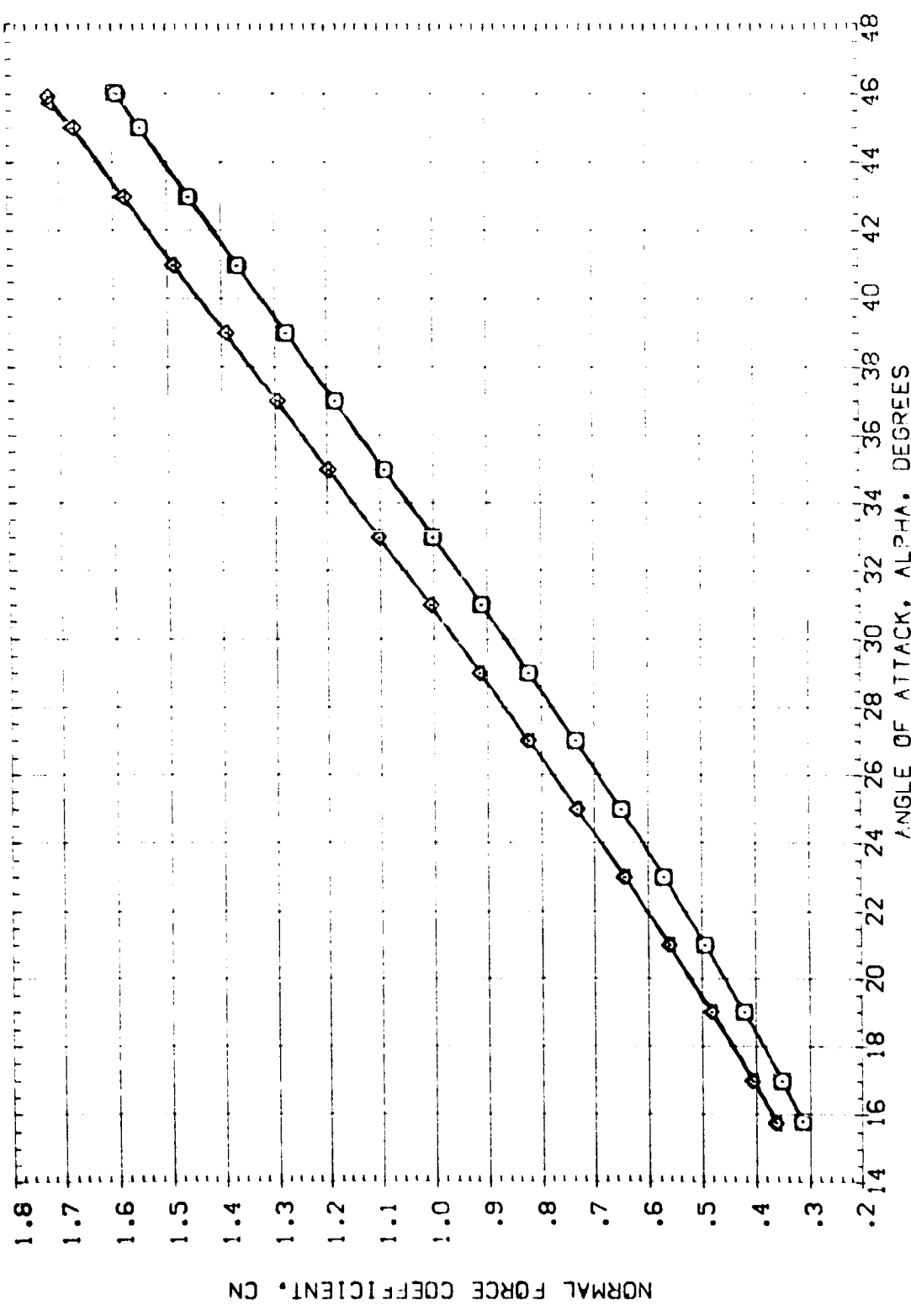


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOUARK	RUDGER	REFERENCE INFORMATION	
(A'N047)	AEDC VA474(GA77/78) (B26C9F7M7) (V11E26) (VB85)	.000	16.300	55.000	.000	SREF	87.1560
(A'N083)	AEDC VA474(GA77/78) (B26C9F7M7) (V121E26) (VB85)	.000	16.300	55.000	.000	LREF	7.1220
(A'N061)	AEDC VA474(GA77/78) (B26C9F7M7) (V11E26) (VB85)	15.000	16.300	55.000	.000	BREF	14.0520
(A'N084)	AEDC VA474(GA77/78) (B26C9F7M7) (V121E26) (VB85)	15.000	16.300	55.000	.000	XREF	12.6250
						YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

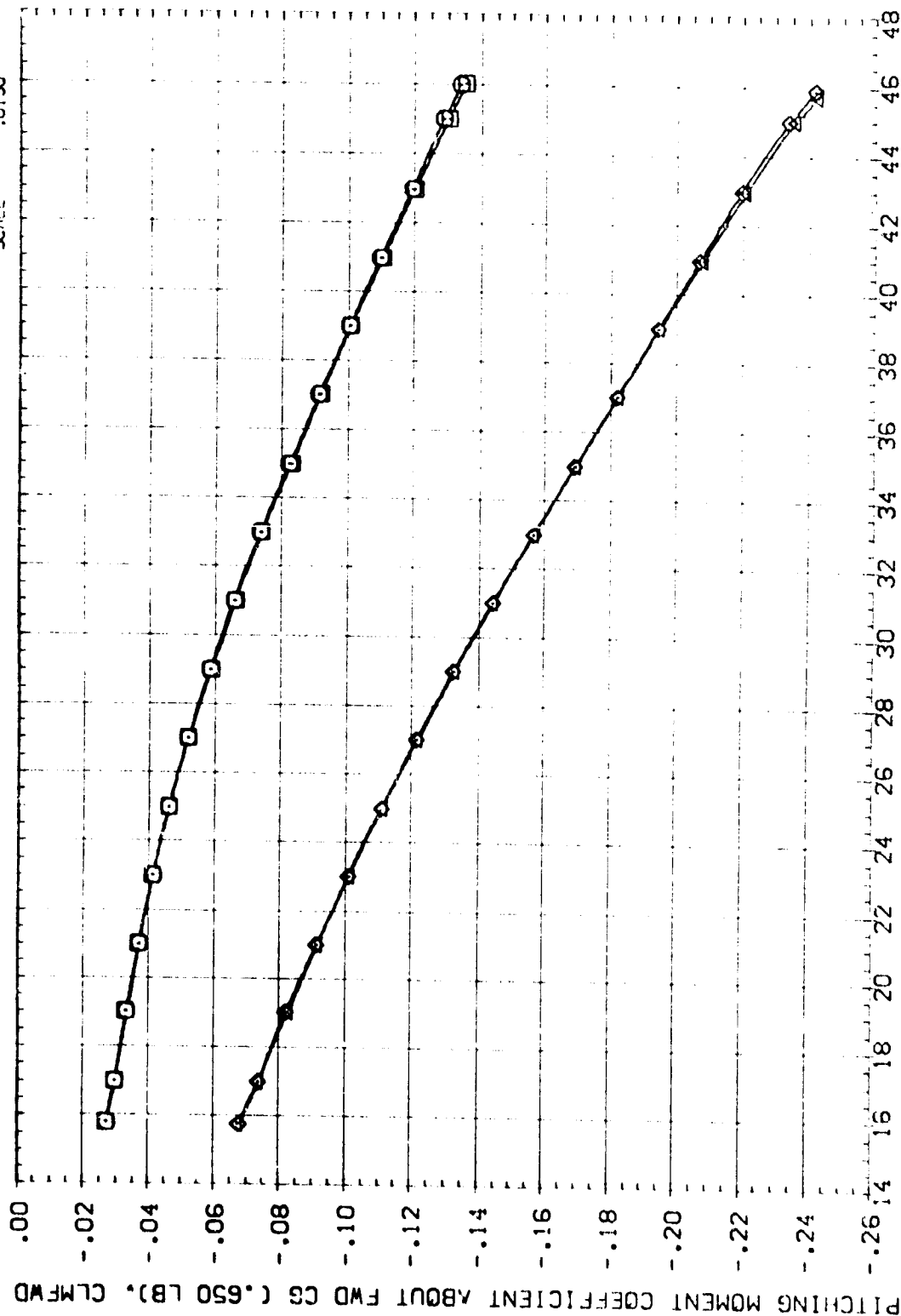


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION. MACH=6.0

(A) MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN047]	AEDC VA474(0477/78) (B26C9F747) (W11E26) (V8R5)	.000	16.300	55.000	.000	SPREF 87.1560 SQ. IN.
[ATN083]	AEDC VA474(0477/78) (B26C9F747) (W12IE26) (V8R5)	.000	16.300	55.000	.000	LRREF 7.1220 INCHES
[ATN081]	AEDC VA474(0477/78) (B26C9F747) (W11E26) (V8R5)	15.000	16.300	55.000	.000	SRREF 4.0520 INCHES
[ATN084]	AEDC VA474(0477/78) (B26C9F747) (W12IE26) (V8R5)	15.000	16.300	55.000	.000	YMRP 2.6250 INCHES
						ZMRP .0000 INCHES
						SCALE 0.50

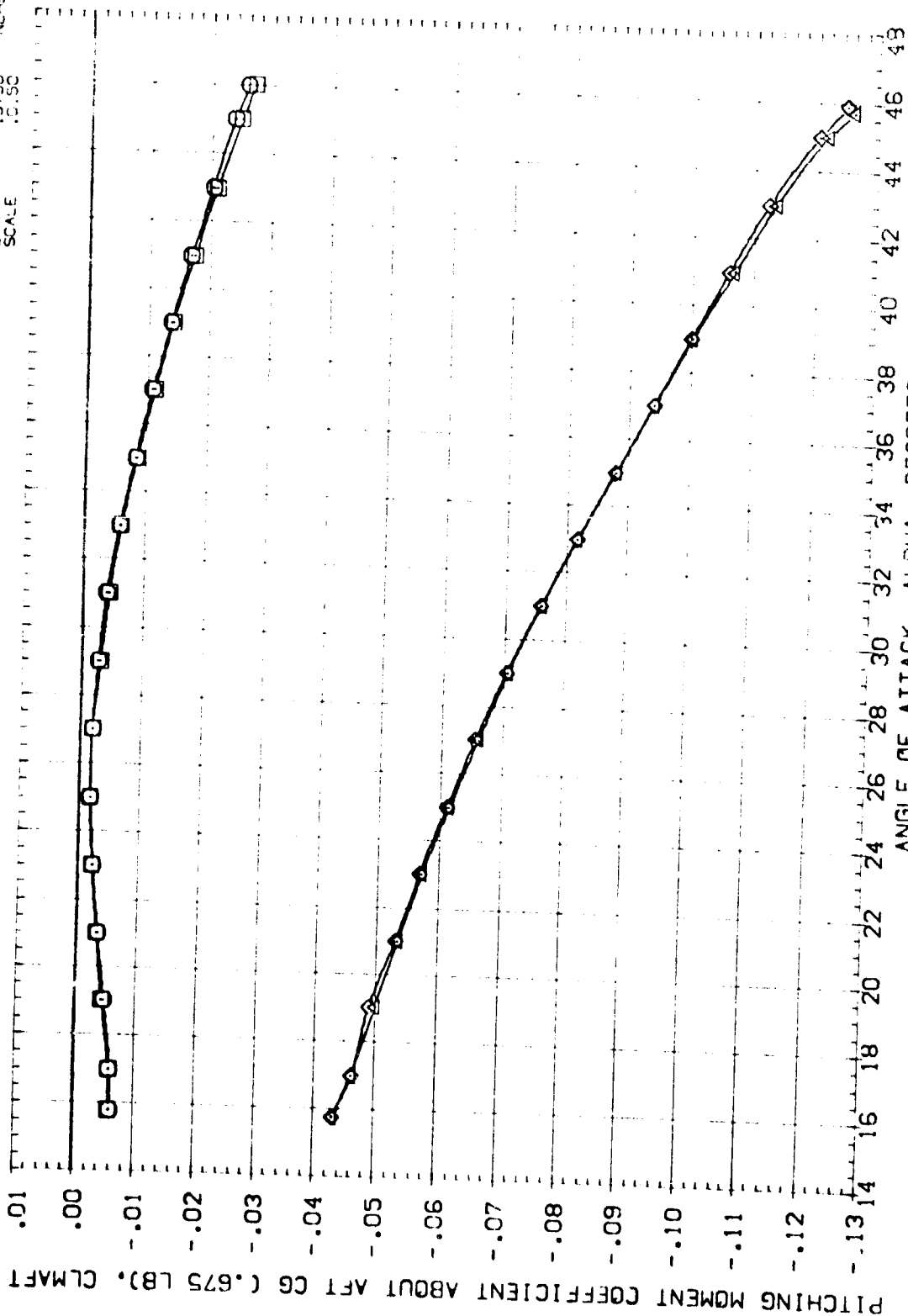


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0
CAJ MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8R5)	.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
(ATN083)	AEDC VA474(0477/78) (B26C9F7M7)(V121E26)(V8R5)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN061)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN084)	AEDC VA474(0477/78) (B26C9F7M7)(V121E26)(V8R5)	15.000	16.300	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

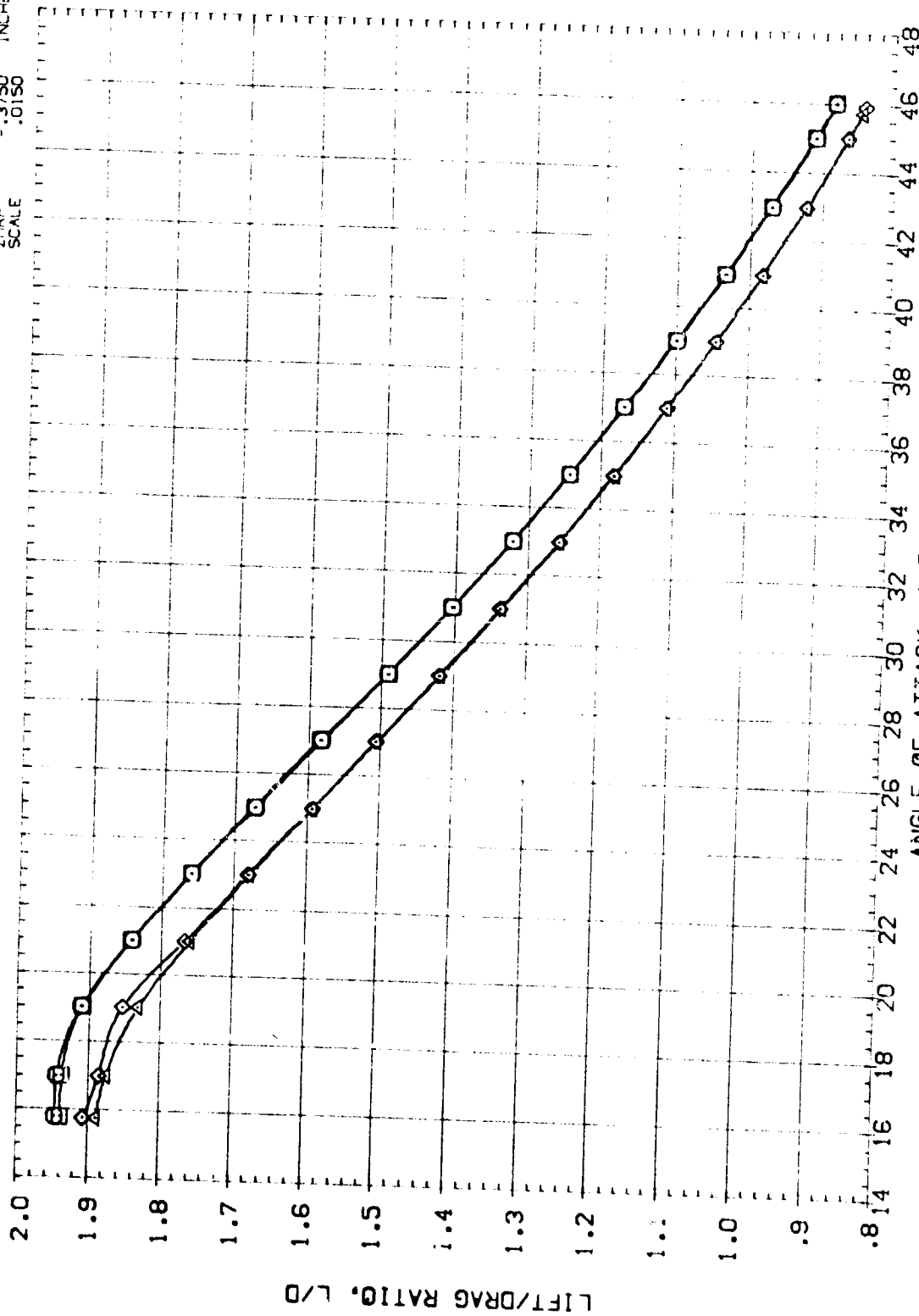
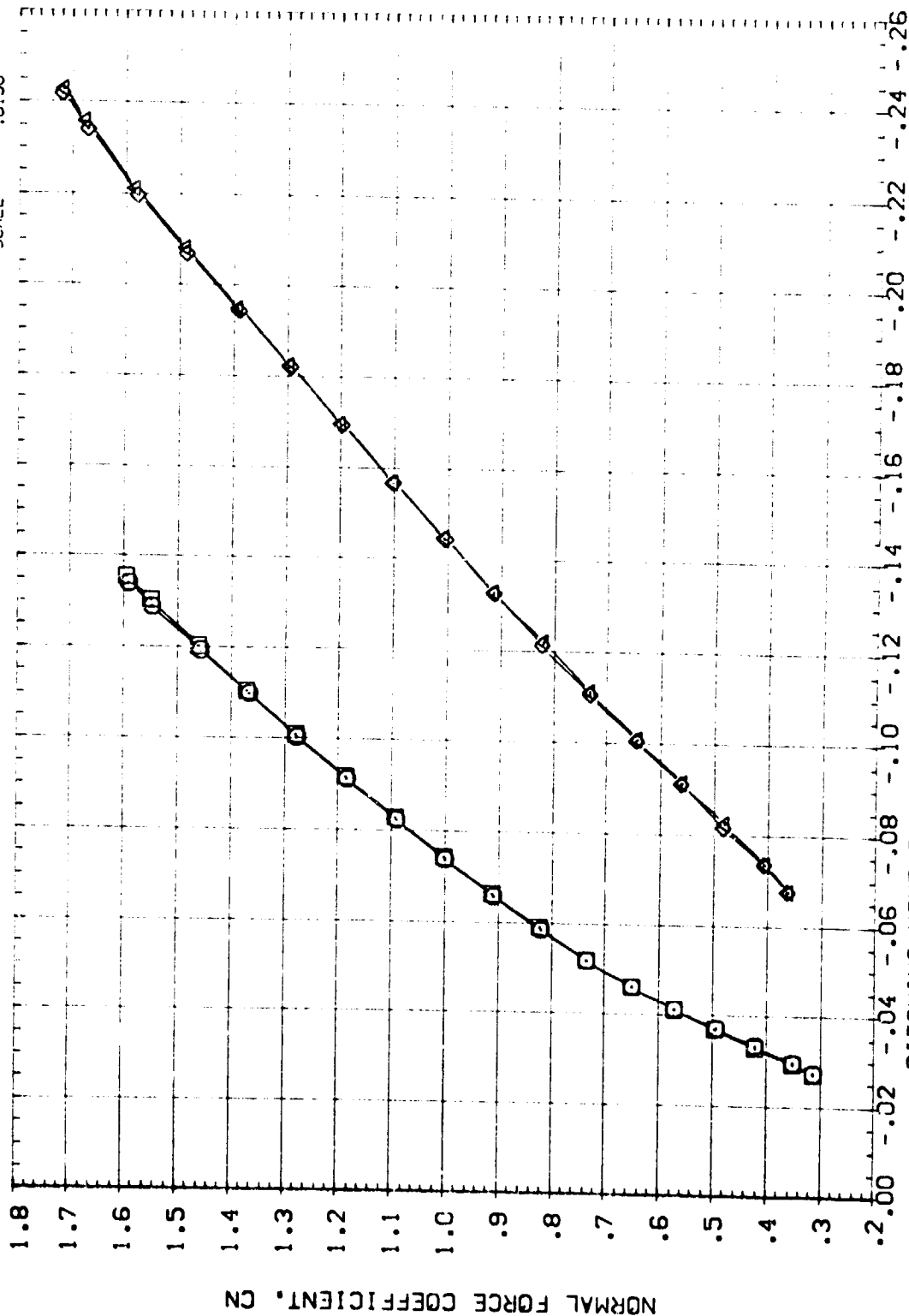


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0
(A)MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

[A1N047] AEDC VA474(QA77/78) (B26C9F7M7)(W116E26)(VBR5)
 [A1N083] AEDC VA474(QA77/78) (B26C9F7M7)(W121E26)(VBR5)
 [A1N061] AEDC VA474(QA77/78) (B26C9F7M7)(W116E26)(VBR5)
 [A1N084] AEDC VA474(QA77/78) (B26C9F7M7)(W121E26)(VBR5)

ELEVTR BOFLAP SPDBRK RUDDER REFERENCE INFORMATION
 .000 16.300 55.000 .000 SREF 87.1560 SQ.IN.
 .000 16.300 55.000 .000 LREF 7.1220 INCHES
 15.000 16.300 55.000 .000 XMRP 14.0520 INCHES
 15.000 16.300 55.000 .000 YMRP 12.6250 INCHES
 .0000 ZMRP .0000 INCHES
 .0150 SCALE



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFW

FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION. MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7) (V11E26) (VBR5)	.000	16.300	55.000	.000	SREF 87.1560 SQ.IN.
(ATN083)	AEDC VA474(OA77/78) (B26C9F7M7) (V12E26) (VBR5)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN081)	AEDC VA474(OA77/78) (B26C9F7M7) (V11E26) (VBR5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN084)	AEDC VA474(OA77/78) (B26C9F7M7) (V12E26) (VBR5)	15.000	16.300	55.000	.000	XREF 12.6250 INCHES
						YREF .0000 INCHES
						ZREF -1.3750 INCHES
						SCALE .0150

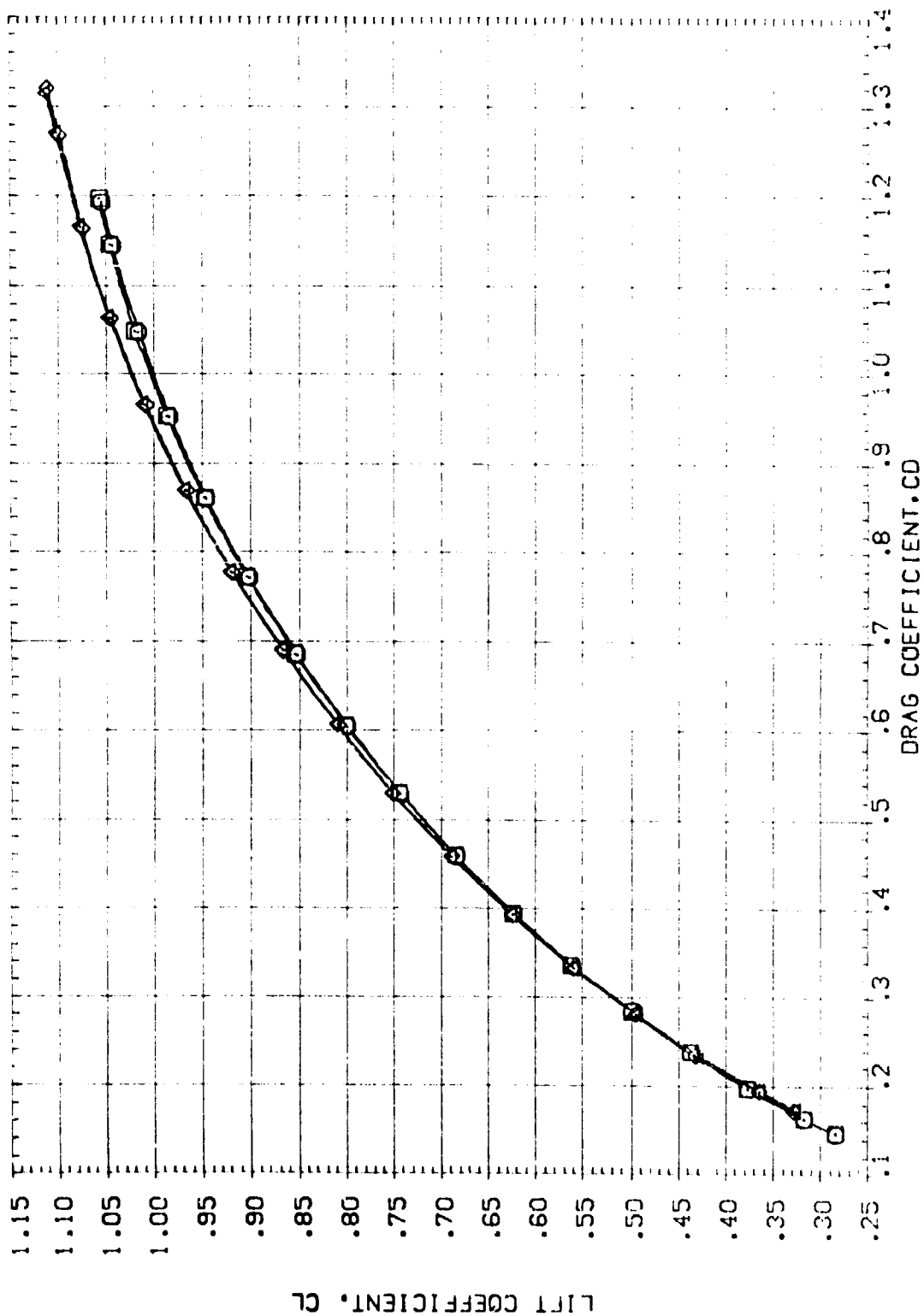


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION, MACH=6.0

(A) MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	POFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	16.300	55.000	.000	SREF 87.1560 INCHES
(ATN083)	AEDC V/474(OA77/78) (B26C9F7M7)(V121E26)(V8R5)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN061)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN084)	AEDC VA474(OA77/78) (B26C9F7M7)(V121E26)(V8R5)	15.000	16.300	55.000	.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES
						.0150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

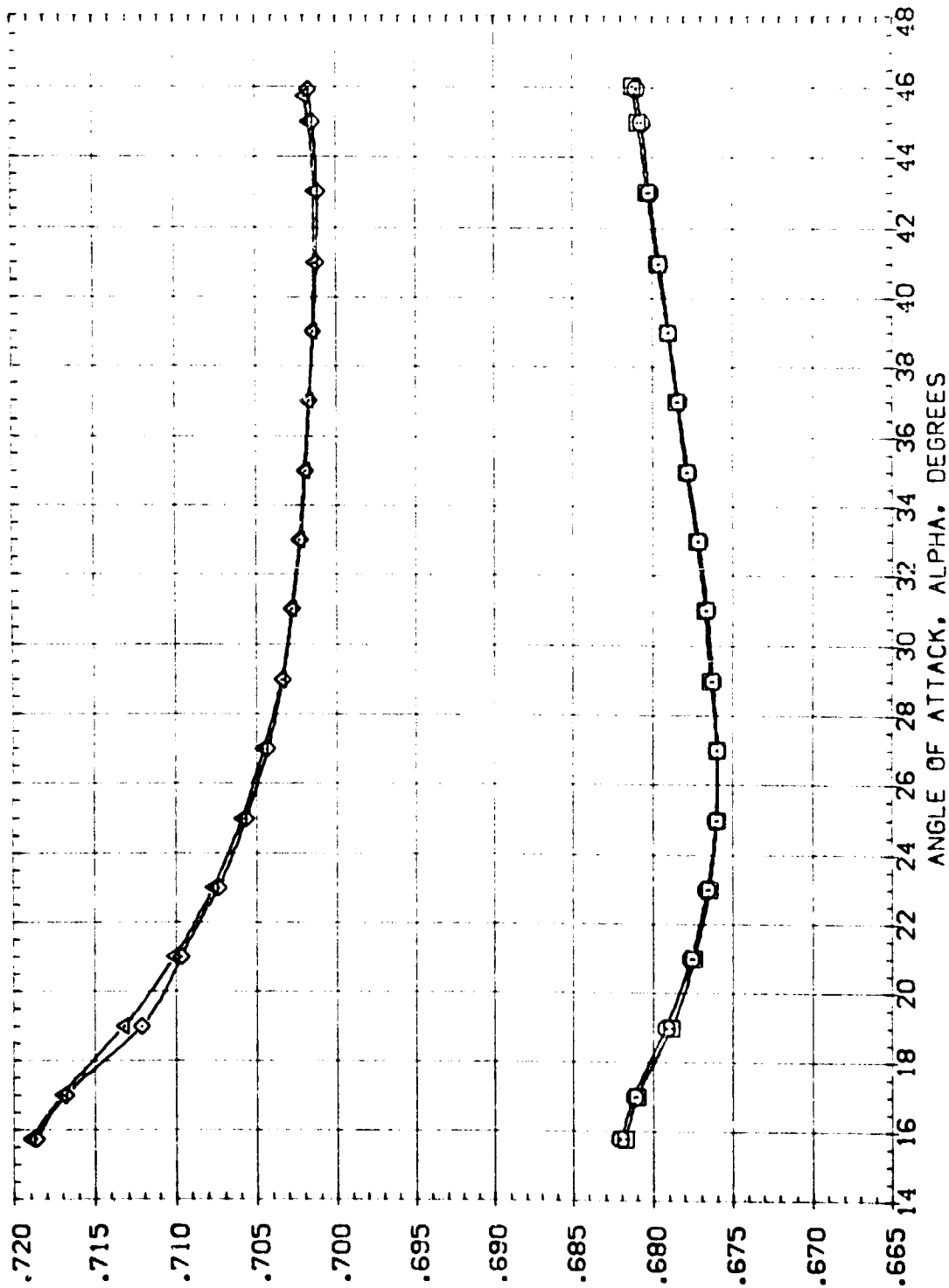


FIG 05 EFFECT OF WING MATRIX AND BODY FLAP DEFLECTION. MACH=6.0

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO. IN.
[ATN001]	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF	87.1560
[ATN007]	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF	7.1220
[ATN008]	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF	14.0520
[ATN009]	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VBRS)	-10.000	-11.700	55.000	.000	XMSP	12.6250
[ATN010]	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VBRS)	-5.000	-11.700	55.000	.000	YMRP	.0000
[ATN011]	AEDC VA474(CA77/78) (B26C9-7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	ZMRP	-.3750
						SCALE	.0150

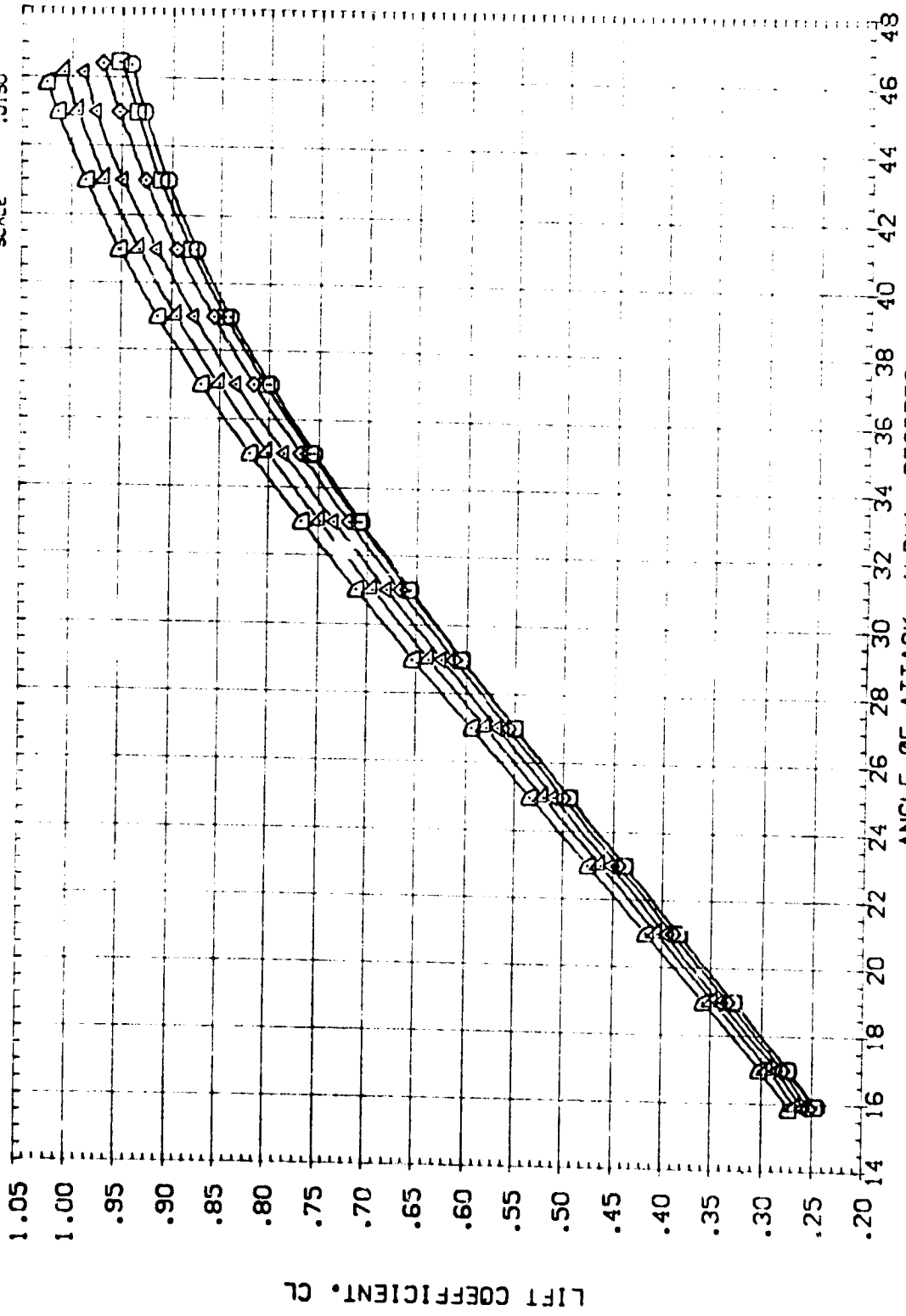


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474 (DA77/78) (B26C9 7M7) (V1 6E26) (VBR5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
[ATN007]	AEDC VA474 (DA77/78) (B26C9 7M7) (V1 6E26) (VBR5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN008]	AEDC VA474 (DA77/78) (B26C9 7M7) (V1 6E26) (VBR5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN009]	AEDC VA474 (DA77/78) (B26C9 7M7) (V1 6E26) (VBR5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATN010]	AEDC VA474 (DA77/78) (B26C9 7M7) (V1 6E26) (VBR5)	-5.000	-11.700	55.000	.000	ZMRP .0000 INCHES
[ATN011]	AEDC VA474 (DA77/78) (B26C9 7M7) (V1 6E26) (VBR5)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

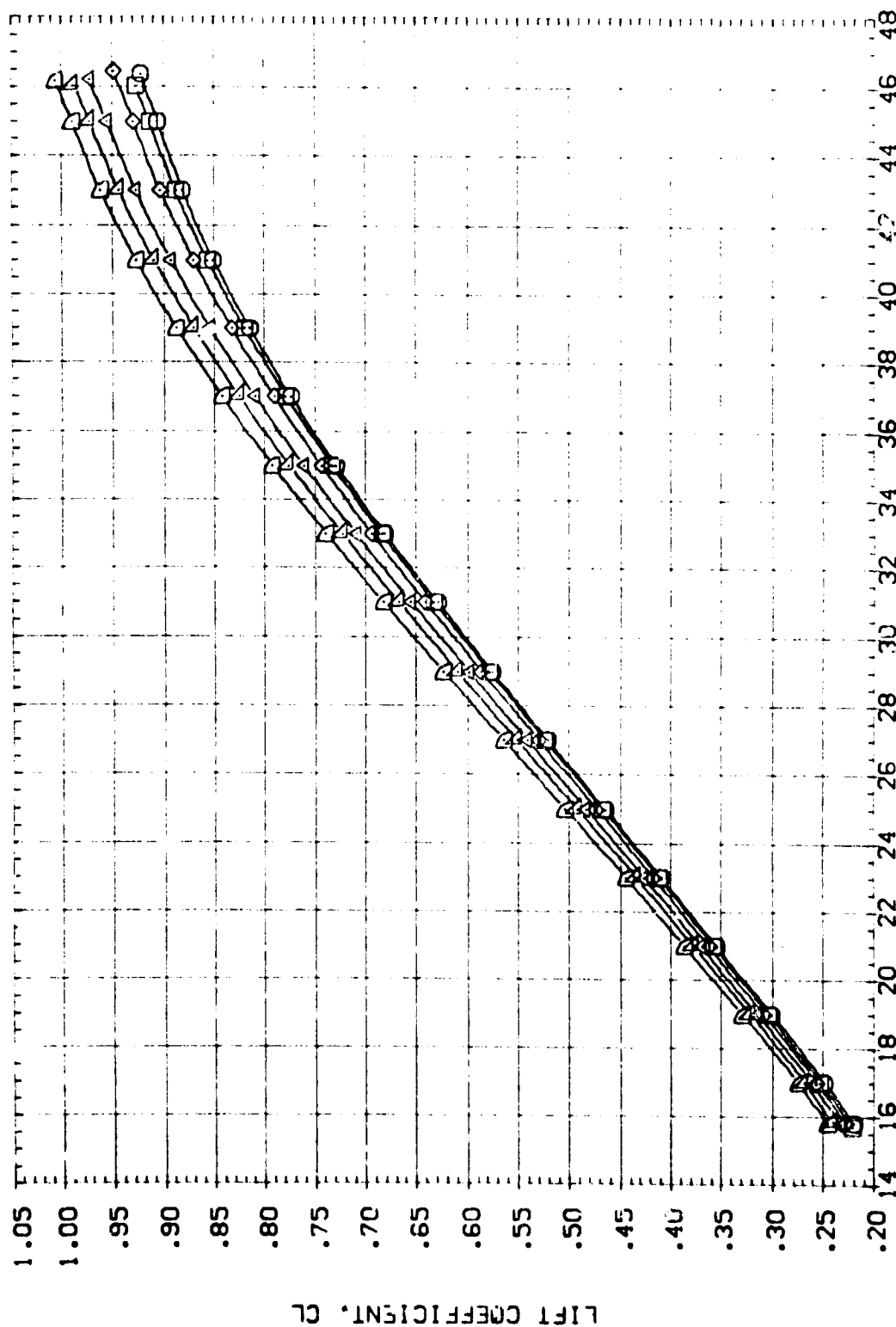


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO, IN.
(A)N001)	AEDC VA474(DA77/78) (B26C9/7M7) (V16E26) (VBRS)	-10.000	-11.700	55.000	.000	SREF	87.1560
(A)N007)	AEDC VA474(DA77/78) (B26C9/7M7) (V16E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF	7.1220
(A)N008)	AEDC VA474(DA77/78) (B26C9/7M7) (V16E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF	14.0220
(A)N009)	AEDC VA474(DA77/78) (B26C9/7M7) (V16E26) (VBRS)	-10.000	-11.700	55.000	.000	XMREF	12.6230
(A)N010)	AEDC VA474(DA77/78) (B26C9/7M7) (V16E26) (VBRS)	-5.000	-11.700	55.000	.000	YMREF	12.6230
(A)N011)	AEDC VA474(DA77/78) (B26C9/7M7) (V16E26) (VBRS)	.000	-11.700	55.000	.000	ZMREF	-3.3500
						SCALE	0.150

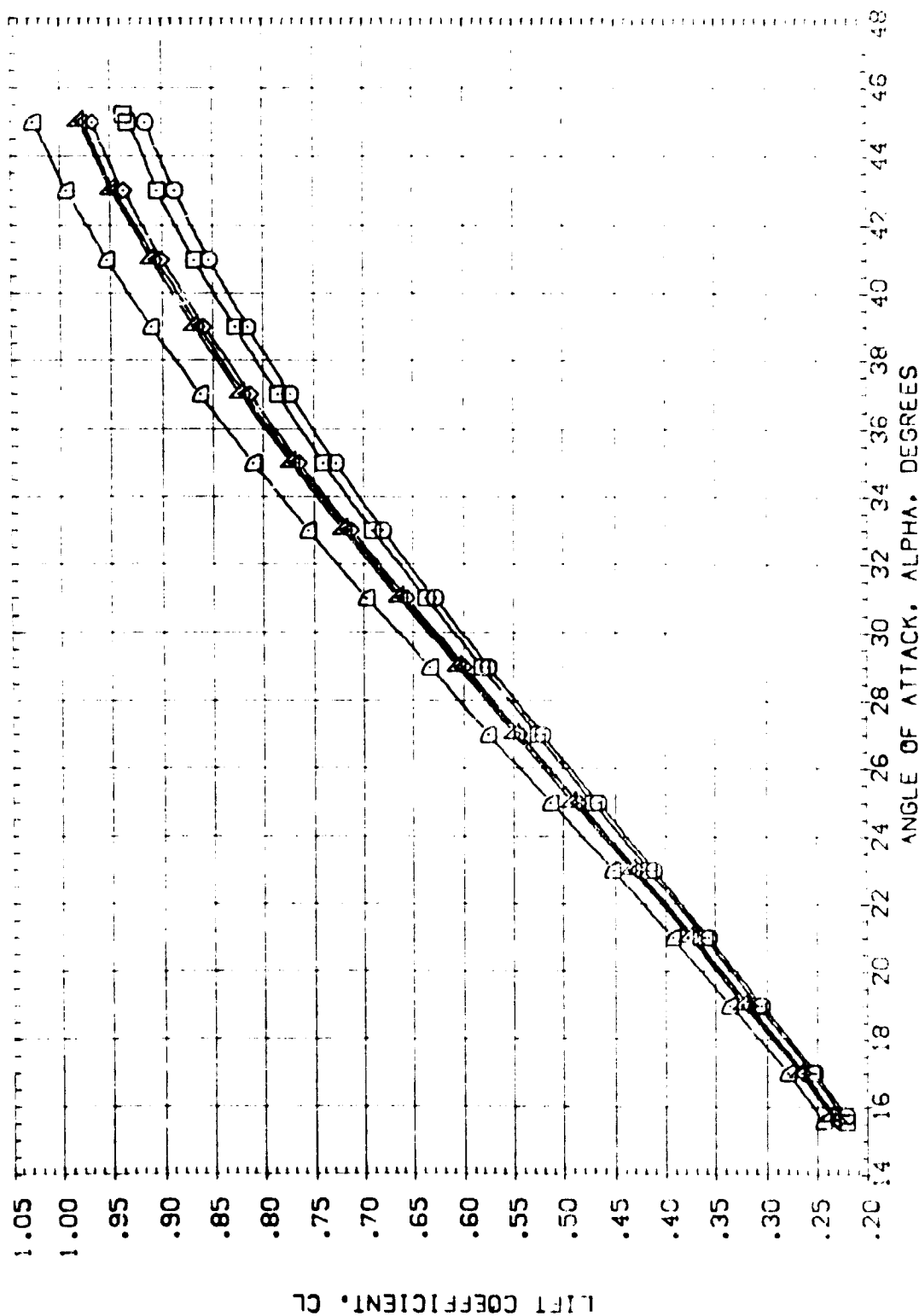


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560
[ATN007]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220
[ATN008]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520
[ATN009]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250
[ATN010]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	YMRP .0000
[ATN011]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP -3.7500
						SCALE .0150

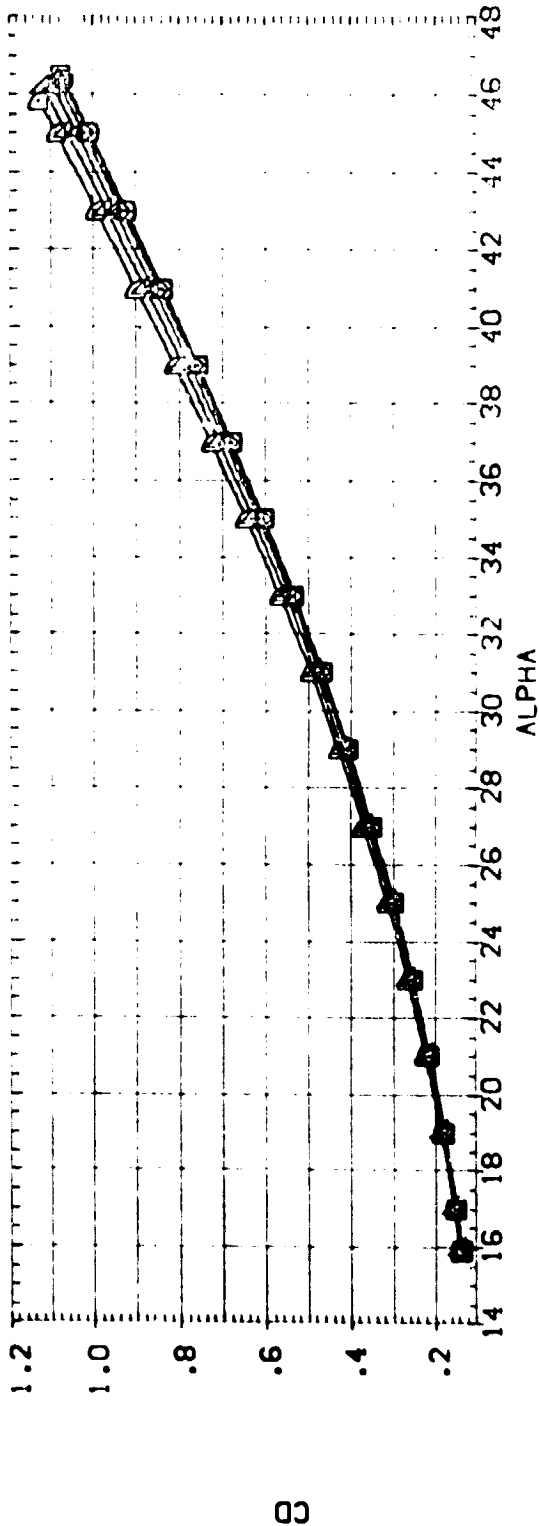
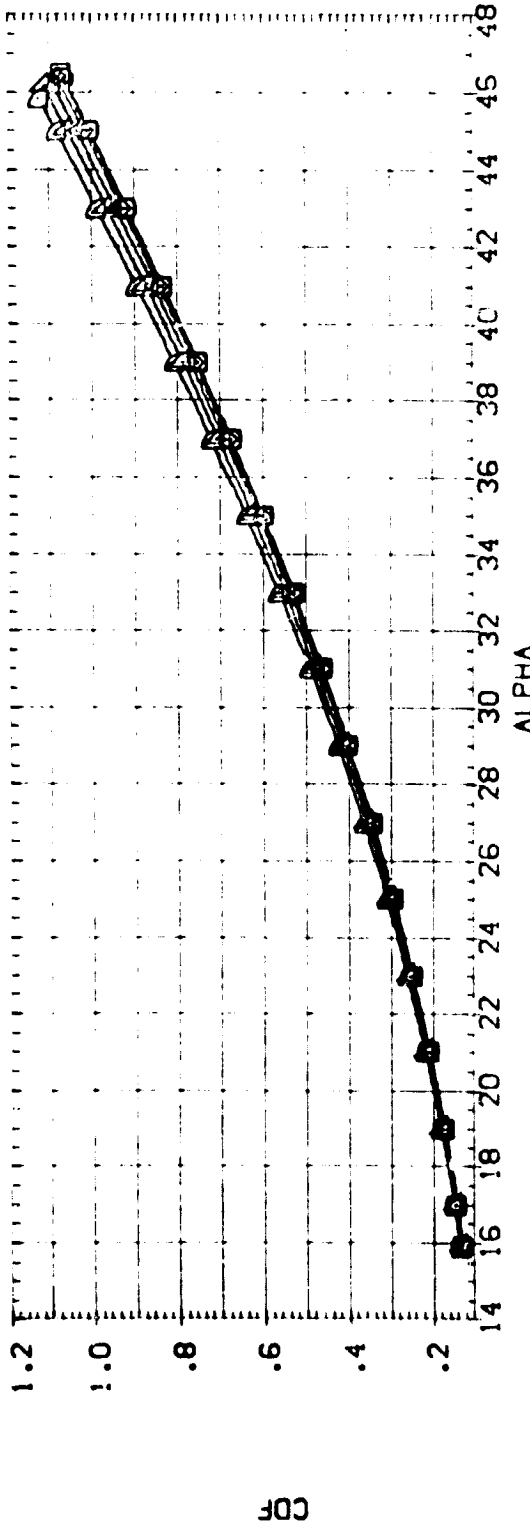


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

CAUMACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATOR	BOFLAP	SPORON	RUDDER	REFERENCE INFORMATION
ATN001	AEDC VA474 (17/78) (35097747) (N11626) (V875)	-40.000	-11.700	55.000	.000	97.1560
ATN007	AEDC VA474 (17/78) (35097747) (N11626) (V875)	-30.000	-11.700	55.000	.000	97.1560
ATN008	AEDC VA474 (17/78) (35097747) (N11626) (V875)	-20.000	-11.700	55.000	.000	97.1560
ATN009	AEDC VA474 (17/78) (35097747) (N11626) (V875)	-10.000	-11.700	55.000	.000	97.1560
ATN010	AEDC VA474 (17/78) (35097747) (N11626) (V875)	-5.000	-11.700	55.000	.000	97.1560
ATN011	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN012	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN013	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN014	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN015	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN016	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN017	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN018	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN019	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN020	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN021	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN022	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN023	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN024	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN025	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN026	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN027	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN028	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN029	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN030	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN031	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN032	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN033	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN034	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN035	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN036	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN037	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN038	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN039	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN040	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN041	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN042	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN043	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN044	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN045	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN046	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN047	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN048	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN049	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560
ATN050	AEDC VA474 (17/78) (35097747) (N11626) (V875)	.000	-11.700	55.000	.000	97.1560

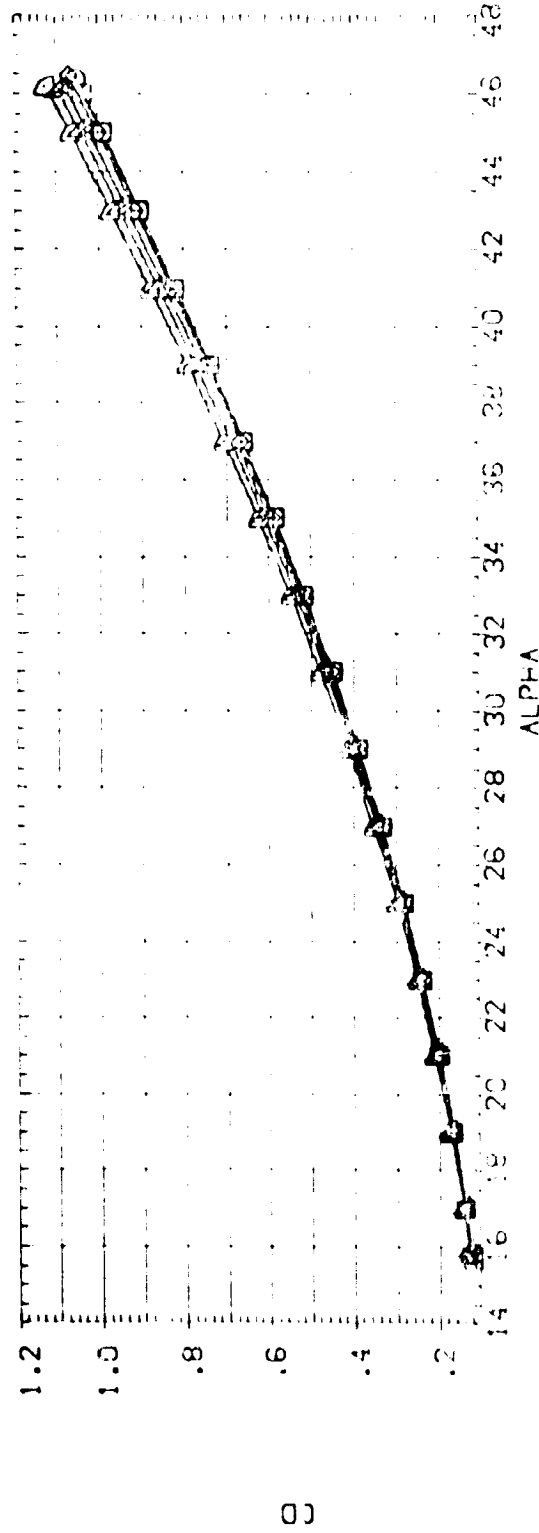
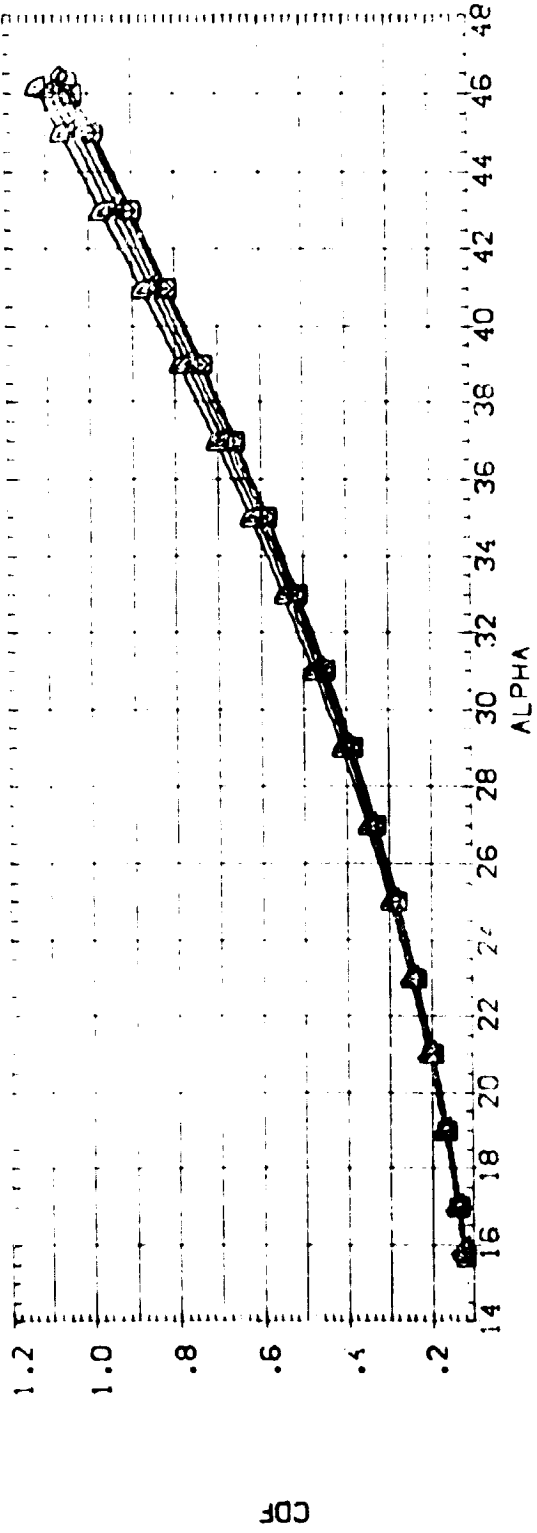
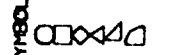


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(BODY FLAP = 8.00)

DATA SET SYMBOL: 

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 50.1N-
(ATN007)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN008)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN009)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(ATN010)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26)(V8R5)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
(ATN011)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES

SCALE .0150

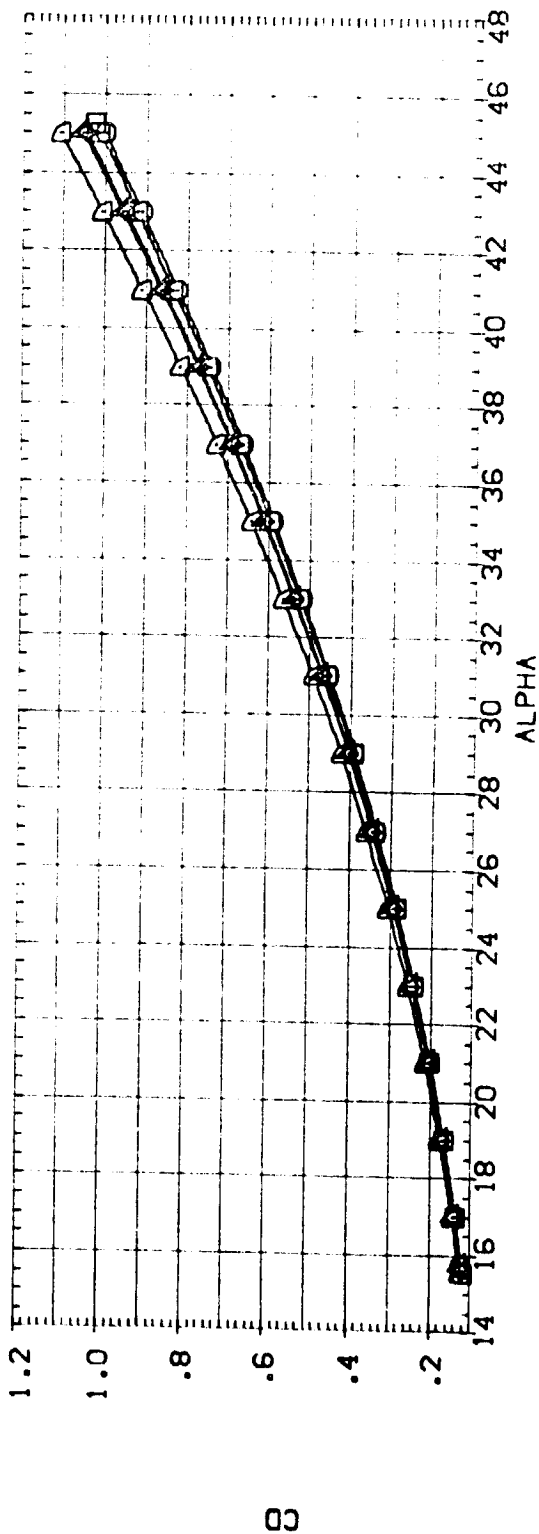
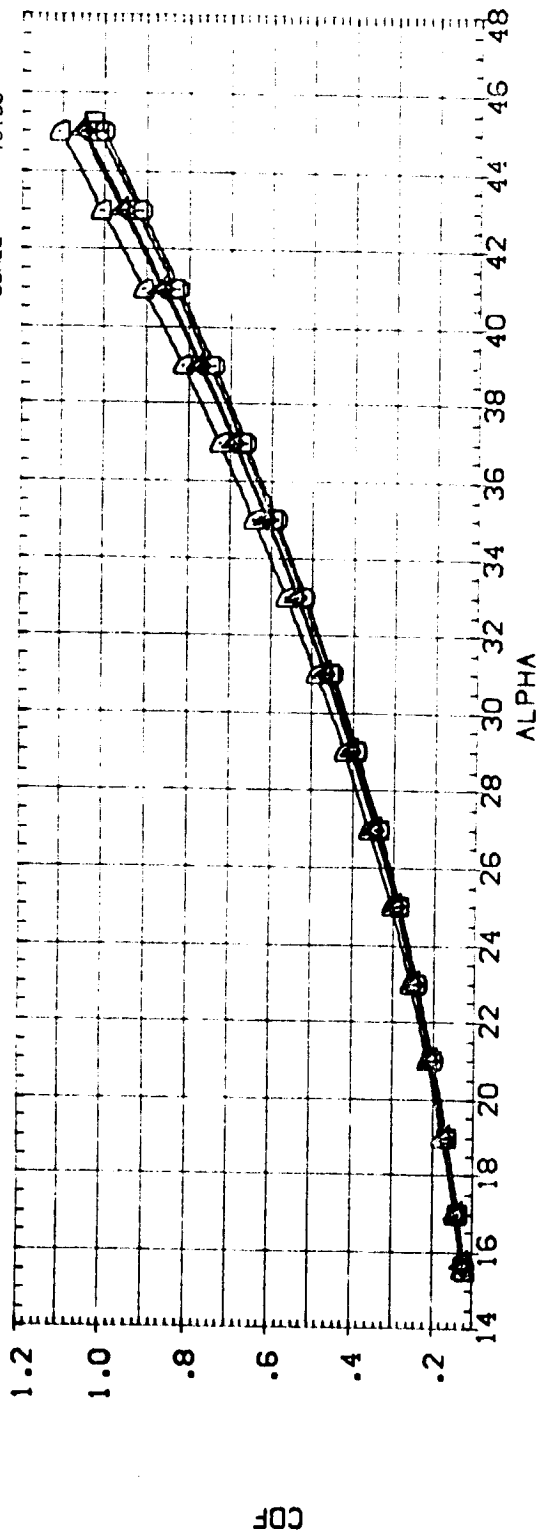


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-40.000	-11.700	55.000	.000	SRF 87.1560 50.1N.
(ATN007)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN008)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN009)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-10.000	-11.700	55.000	.000	MRP 12.6550 INCHES
(ATN010)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-5.000	-11.700	55.000	.000	MRP .0000 INCHES
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	.000	-11.700	55.000	.000	MRP -3.7500 INCHES
						SCALE .0150

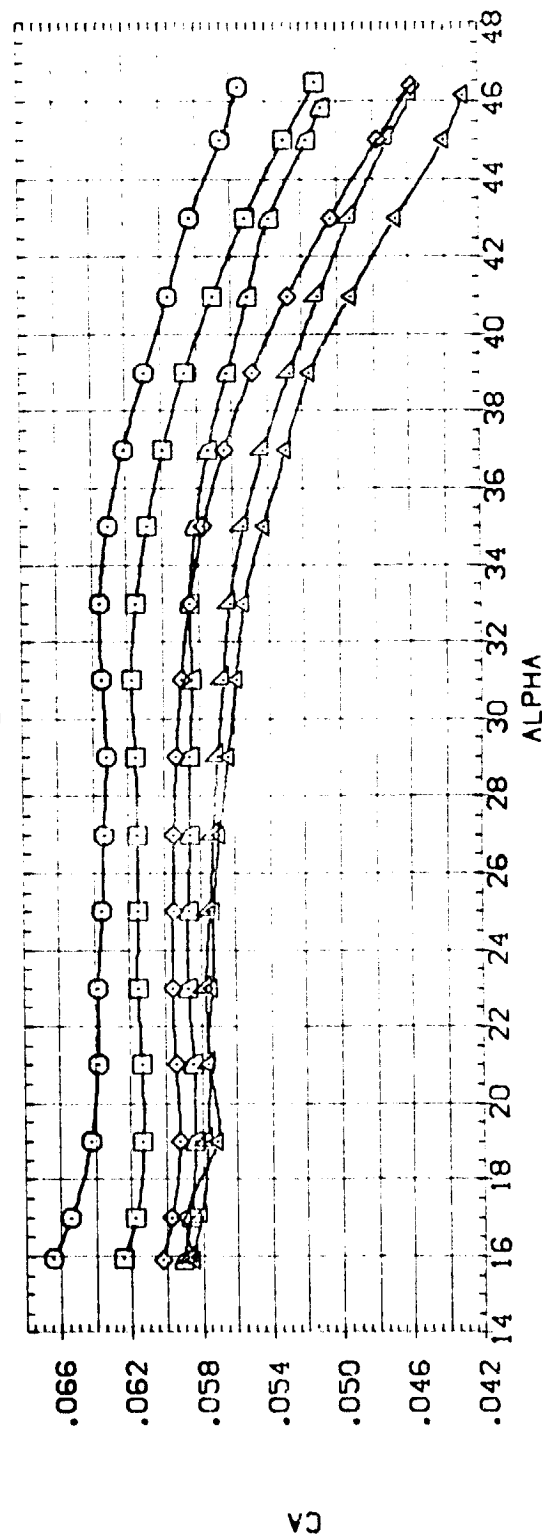
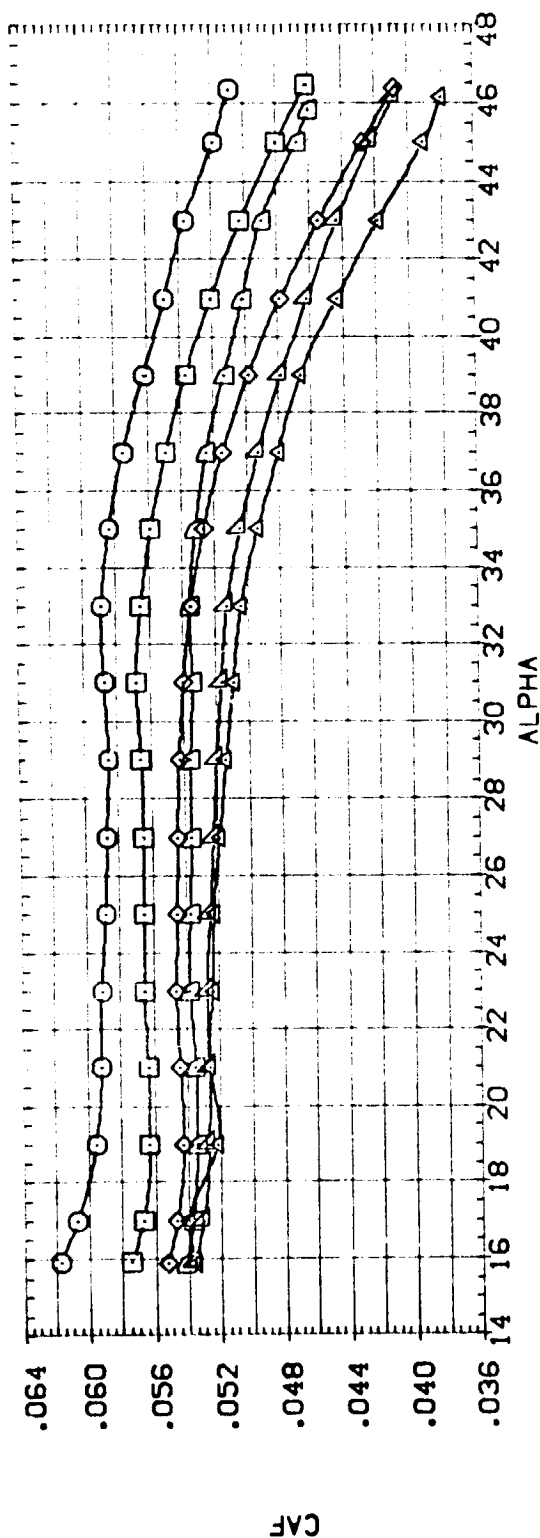


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	50 IN
[ATN001]	AEDC VA474(DA77/78) (B26C9F7H7) (W116E26)(V8R5)	-10.000	-11.700	55.000	.000	SREF	87.1560
[ATN007]	AEDC VA474(DA77/78) (B26C9F7H7) (W116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF	7.1220
[ATN008]	AEDC VA474(DA77/78) (B26C9F7H7) (W116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF	14.0520
[ATN009]	AEDC VA474(DA77/78) (B26C9F7H7) (W116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP	12.6250
[ATN010]	AEDC VA474(DA77/78) (B26C9F7H7) (W116E26)(V8R5)	-5.000	-11.700	55.000	.000	ZMRP	.0000
[ATN011]	AEDC VA474(DA77/78) (B26C9F7H7) (W116E26)(V8R5)	.000	-11.700	55.000	.000	SCALE	-.3750

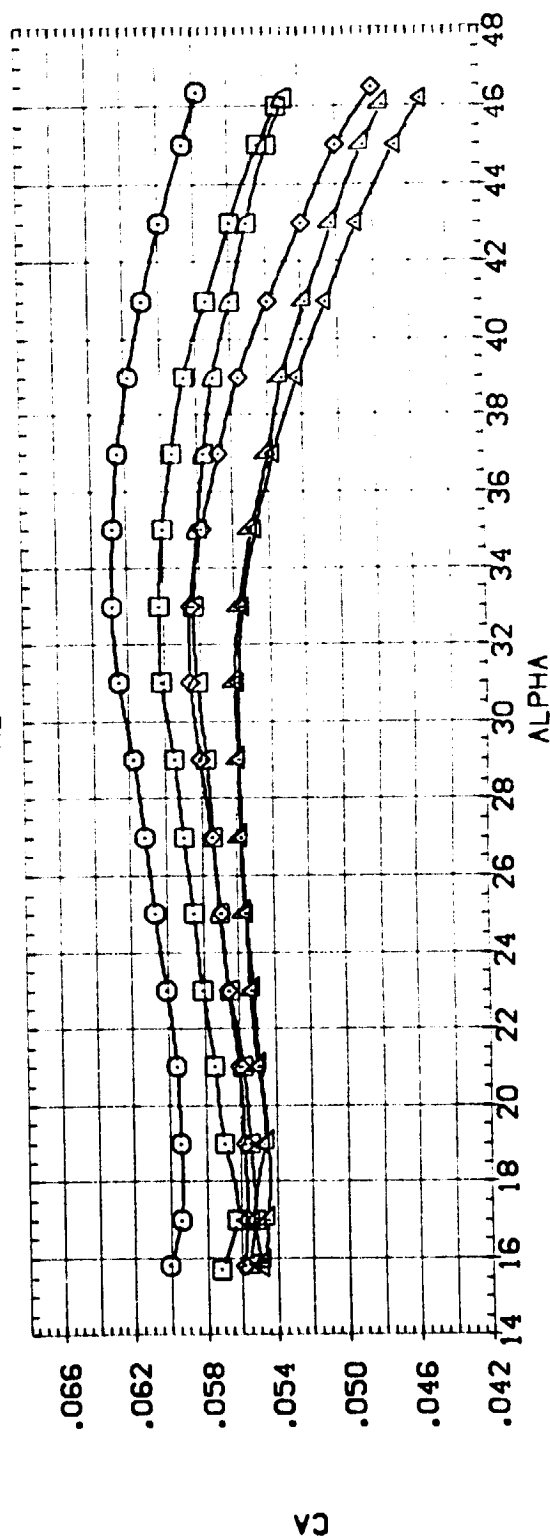
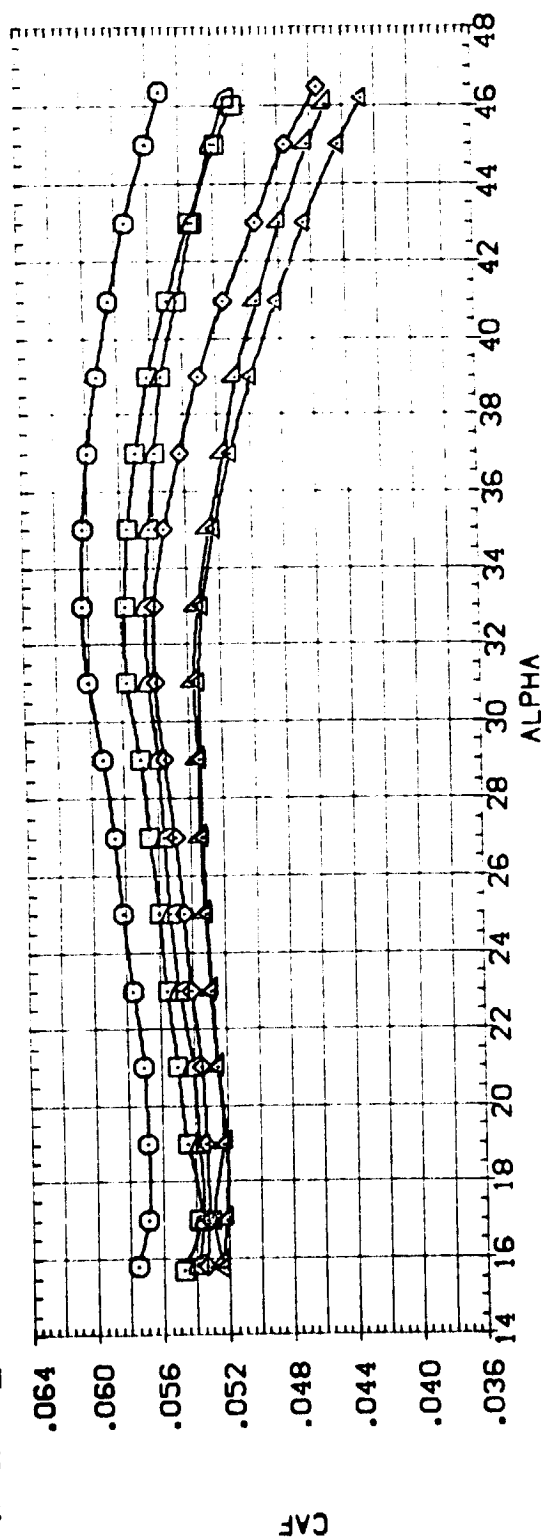


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	50 IN.
(ATN001)	AEDC VA474(0A77/78) (B26C9-7H7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF	87.1560
(ATN007)	AEDC VA474(0A77/78) (B26C9-7H7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF	7.1220
(ATN008)	AEDC VA474(0A77/78) (B26C9-7H7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF	14.0520
(ATN009)	AEDC VA474(0A77/78) (B26C9-7H7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP	12.6250
(ATN010)	AEDC VA474(0A77/78) (B26C9-7H7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	YMRP	.0000
(ATN011)	AEDC VA474(0A77/78) (B26C9-7H7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP	-.3750
						SCALE	10:50

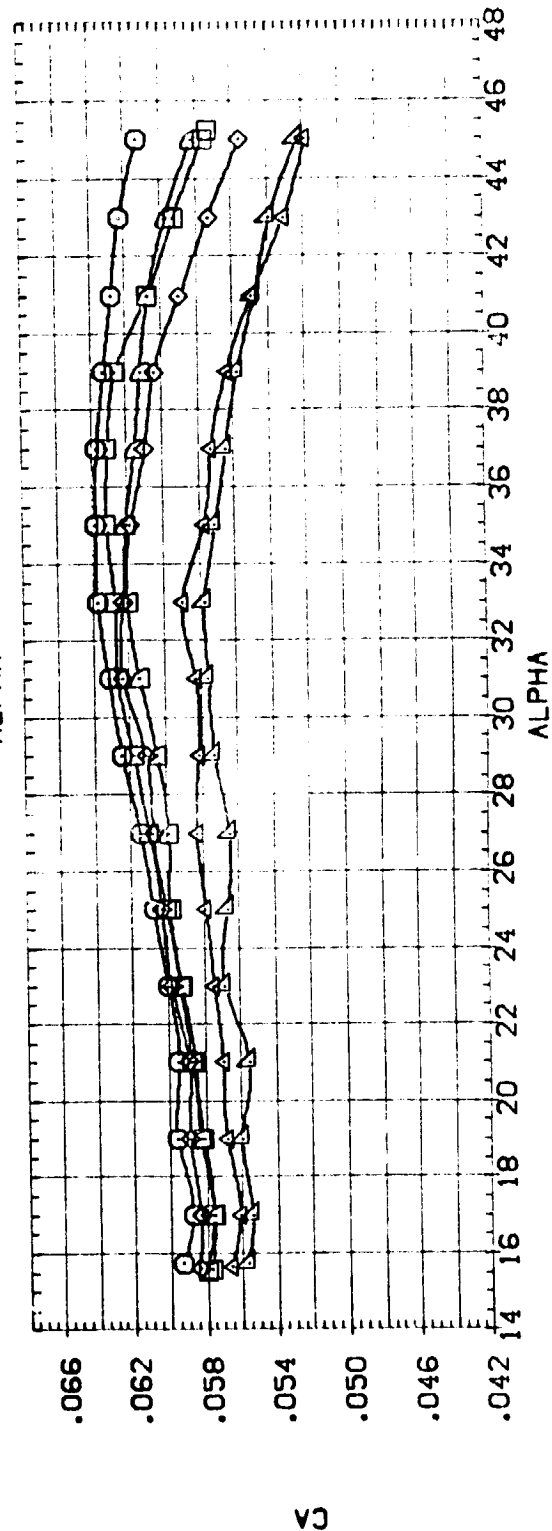
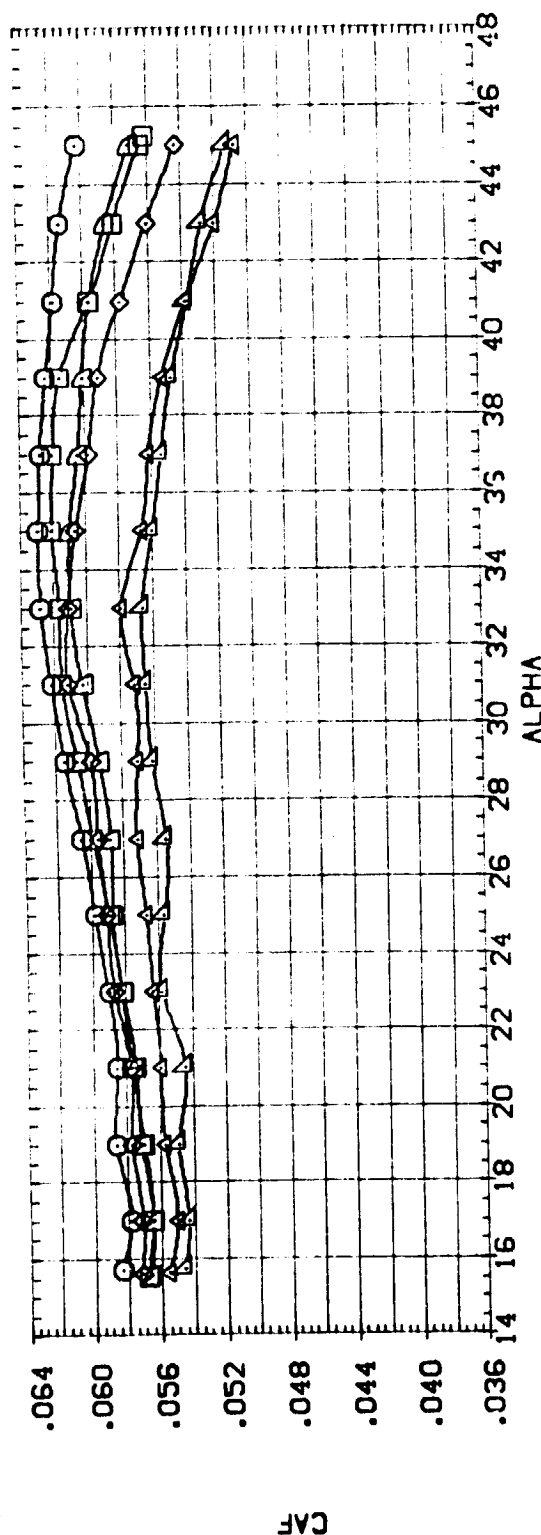


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SO.IN.
(ATN007)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN008)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN009)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	YMRP 12.6250 INCHES
(ATN010)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	ZMRP .0000 INCHES
(ATN011)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP .3750 INCHES
						SCALE .0150

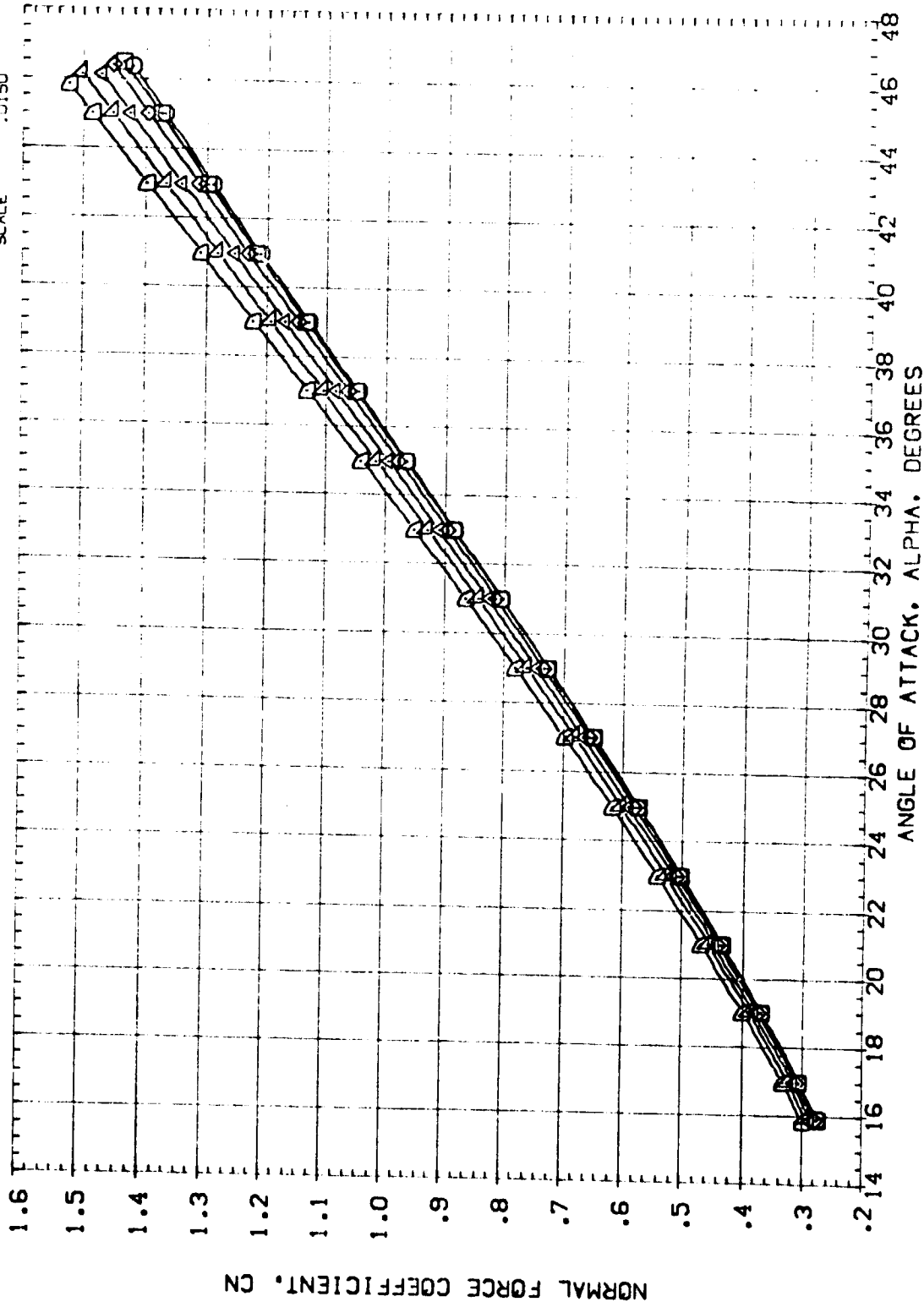
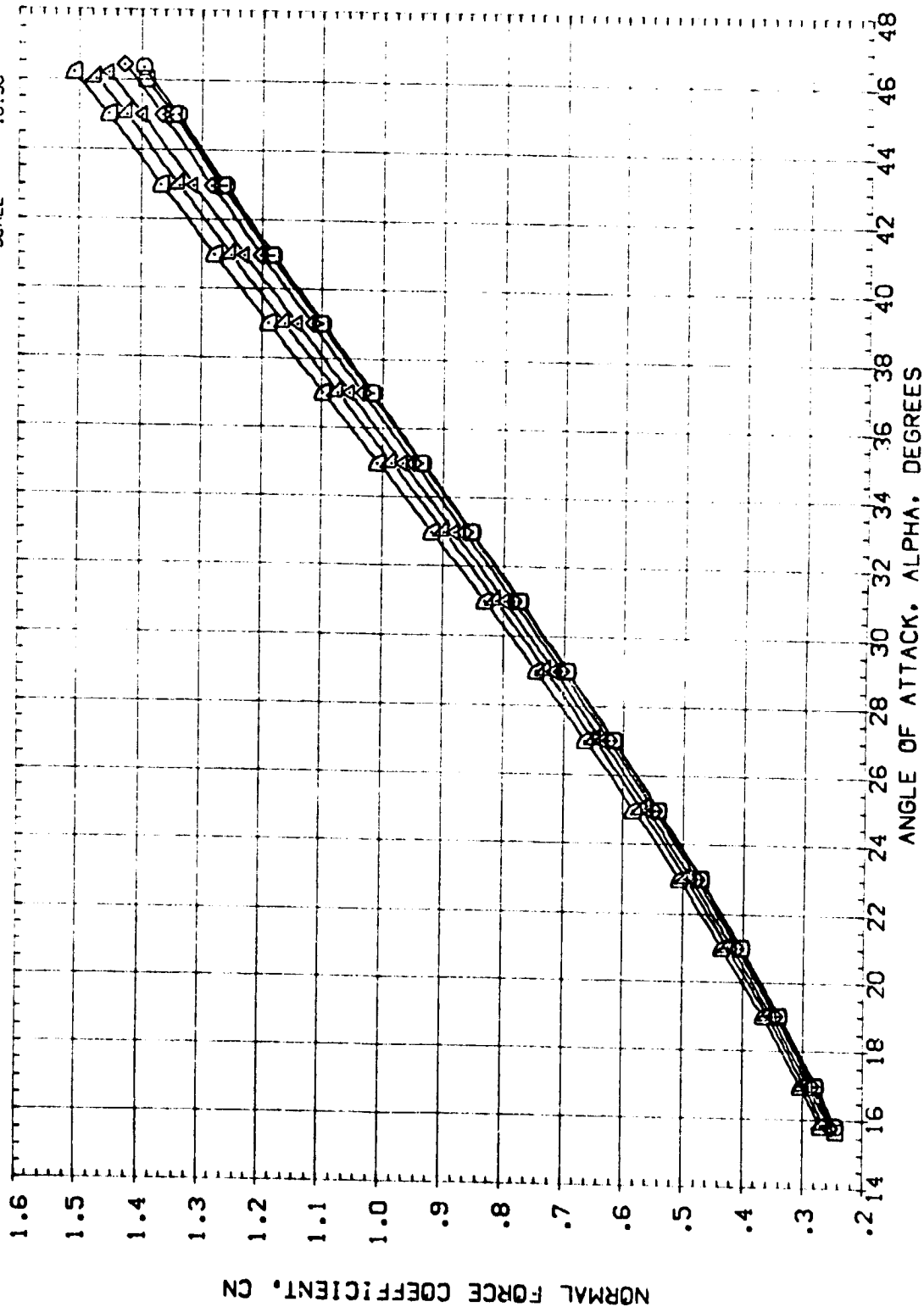


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (V8RS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
[ATN007]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (V8RS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN008]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (V8RS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN009]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (V8RS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATN010]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (V8RS)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
[ATN011]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (V8RS)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
[ATN007]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN008]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN009]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATN010]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	-11.700	55.000	.000	YMRP 11.3000 INCHES
[ATN011]	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	ZMRP 3.3750 INCHES
						SCALE .0150

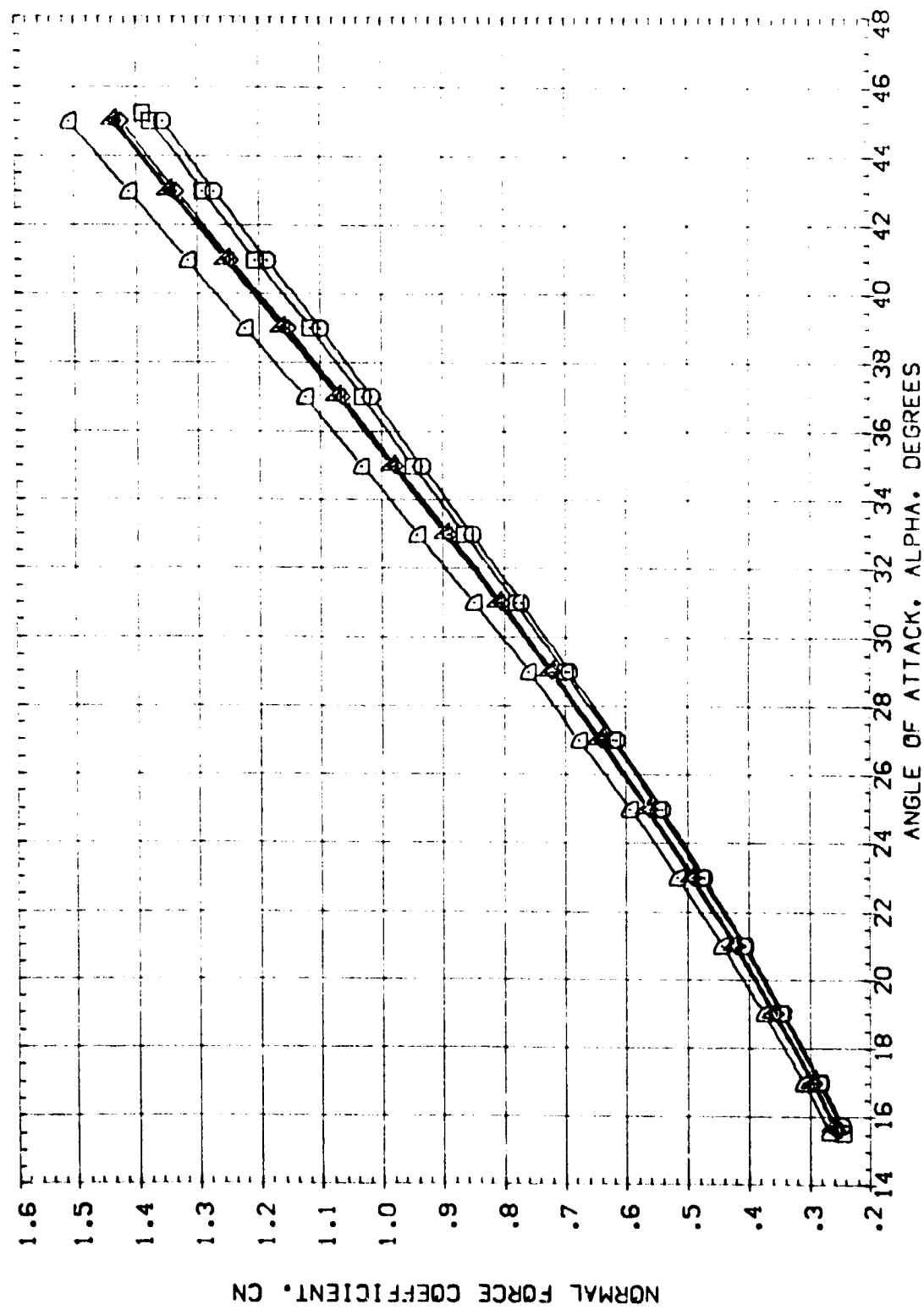


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO, IN
(ATN001)	AEDC VA474(CA77/78) (B26C9-7M7) (V) (SE26) (VBRS)	-40.000	-11.700	55.000	.000	SREF	87.1550
(ATN007)	AEDC VA474(CA77/78) (B26C9-7M7) (V) (SE26) (VBRS)	-30.000	-11.700	55.000	.000	LREF	7.1220
(ATN008)	AEDC VA474(CA77/78) (B26C9-7M7) (V) (SE26) (VBRS)	-20.000	-11.700	55.000	.000	BREF	4.0520
(ATN009)	AEDC VA474(CA77/78) (B26C9-7M7) (V) (SE26) (VBRS)	-10.000	-11.700	55.000	.000	YMRP	2.6250
(ATN010)	AEDC VA474(CA77/78) (B26C9-7M7) (V) (SE26) (VBRS)	-5.000	-11.700	55.000	.000	ZMRP	.3750
(ATN011)	AEDC VA474(CA77/78) (B26C9-7M7) (V) (SE26) (VBRS)	.000	-11.700	55.000	.000	SCALE	0.50

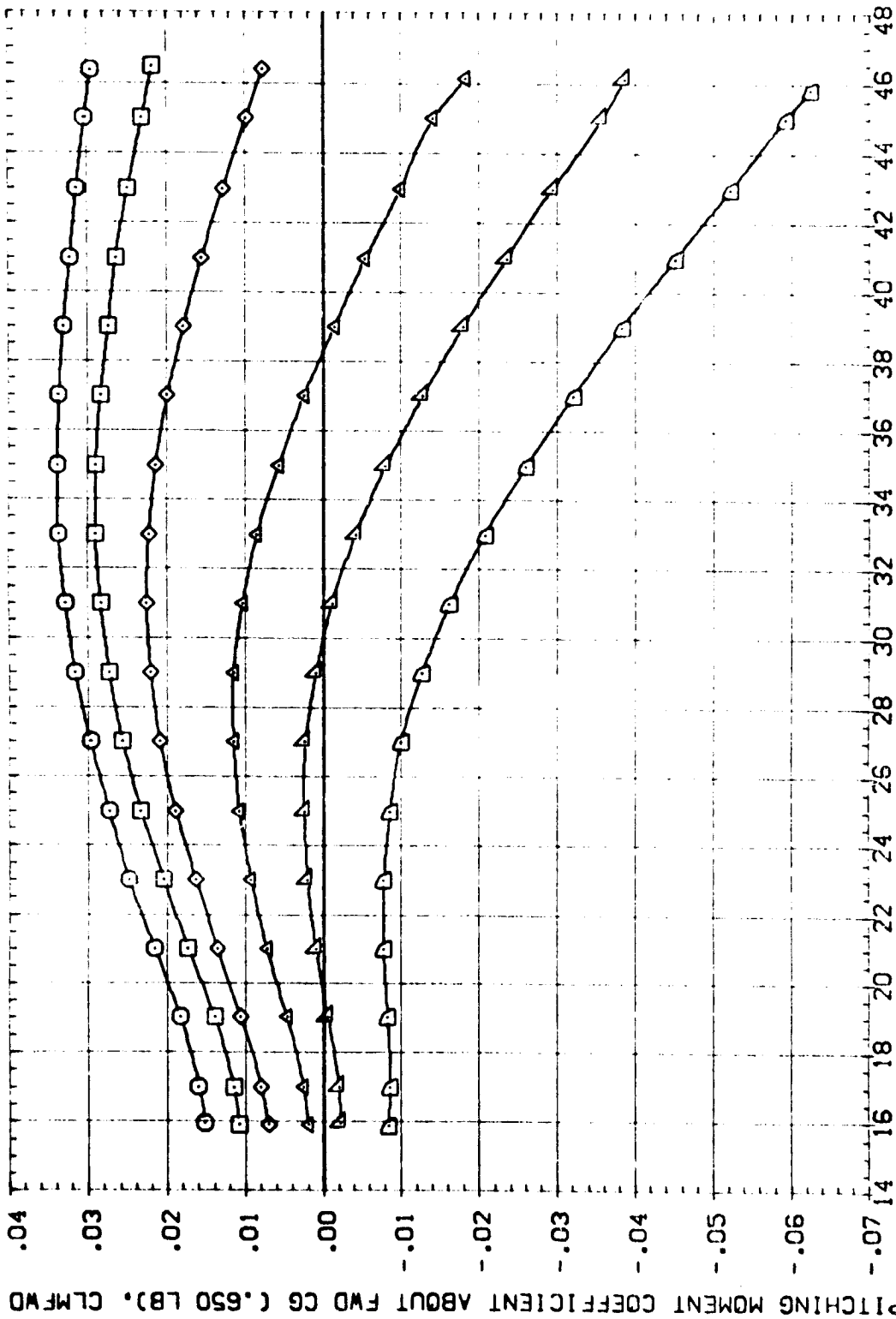
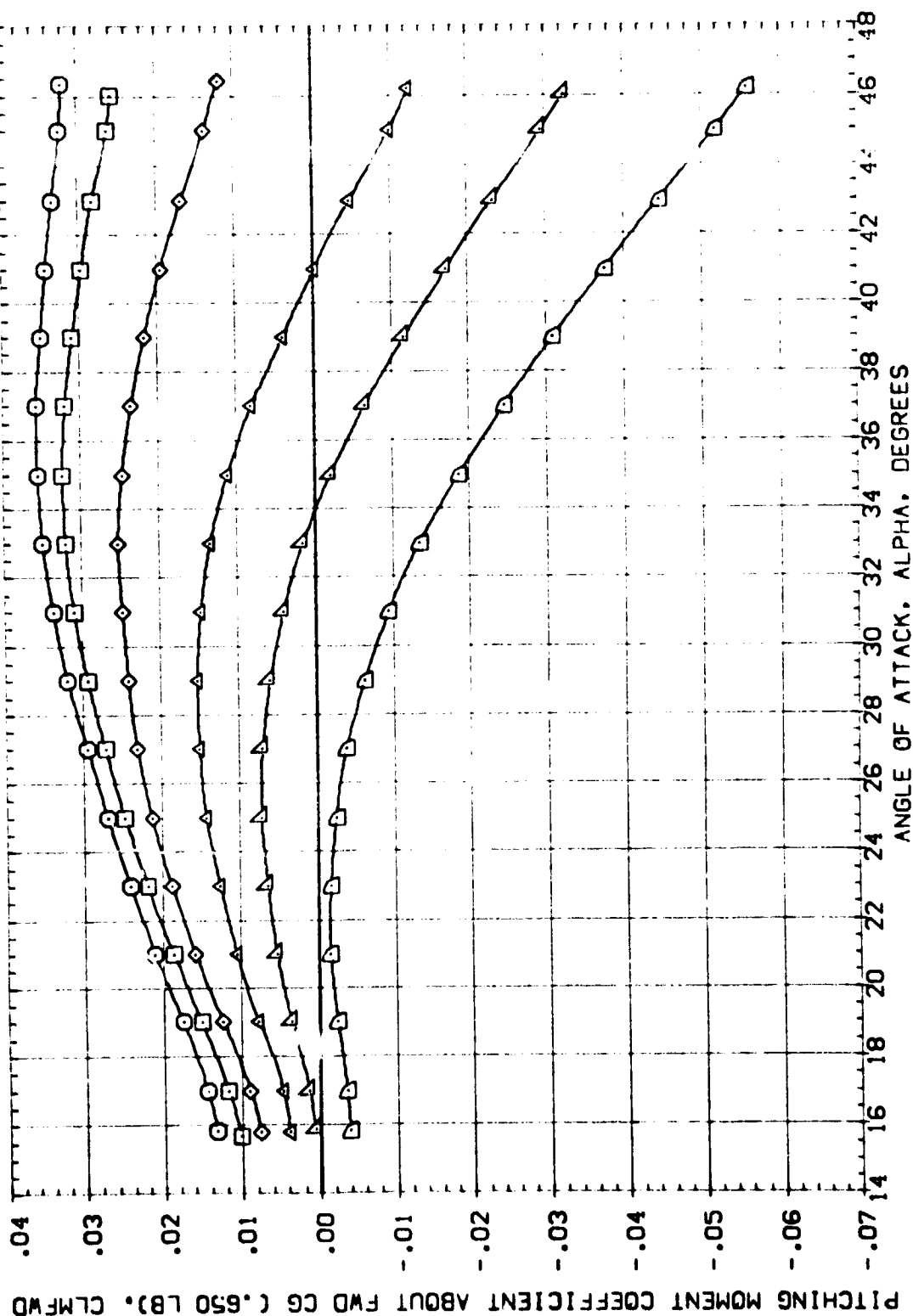


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDER	REFERENCE	INFORMATION
[ATN001]	AEDC VA474(OA77/78) (B26CSF7H7)(V1)16E26(V8R5)	-40.000	-11.700	55.000	.000	SREF	8.1560 INCHES
[ATN007]	AEDC VA474(OA77/78) (B26CSF7H7)(V1)16E26(V8R5)	-30.000	-11.700	55.000	.000	LREF	.1220 INCHES
[ATN008]	AEDC VA474(OA77/78) (B26CSF7H7)(V1)16E26(V8R5)	-20.000	-11.700	55.000	.000	BREF	.0520 INCHES
[ATN009]	AEDC VA474(OA77/78) (B26CSF7H7)(V1)16E26(V8R5)	-10.000	-11.700	55.000	.000	XMRP	.6750 INCHES
[ATN010]	AEDC VA474(OA77/78) (B26CSF7H7)(V1)16E26(V8R5)	-5.000	-11.700	55.000	.000	YMRP	.0000 INCHES
[ATN011]	AEDC VA474(OA77/78) (B26CSF7H7)(V1)16E26(V8R5)	.000	-11.700	55.000	.000	ZMRP	.3750 INCHES
						SCALE	.0150



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(OA77/78) (B26C9-7M7)(V115E26)(V8K5)	-40.000	-11.700	55.000	.000	SREF 87.1560
(ATN007)	AEDC VA474(OA77/78) (B26C9-7M7)(V115E26)(V8K5)	-30.000	-11.700	55.000	.000	LREF 7.1220
(ATN008)	AEDC VA474(OA77/78) (B26C9-7M7)(V115E26)(V8K5)	-20.000	-11.700	55.000	.000	BREF 14.0520
(ATN009)	AEDC VA474(OA77/78) (B26C9-7M7)(V115E26)(V8K5)	-10.000	-11.700	55.000	.000	XMRP 12.6250
(ATN010)	AEDC VA474(OA77/78) (B26C9-7M7)(V115E26)(V8K5)	-5.000	-11.700	55.000	.000	VMRP .0000
(ATN011)	AEDC VA474(OA77/78) (B26C9-7M7)(V115E26)(V8K5)	.000	-11.700	55.000	.000	ZMRP -.3750
						SCALE 0.150

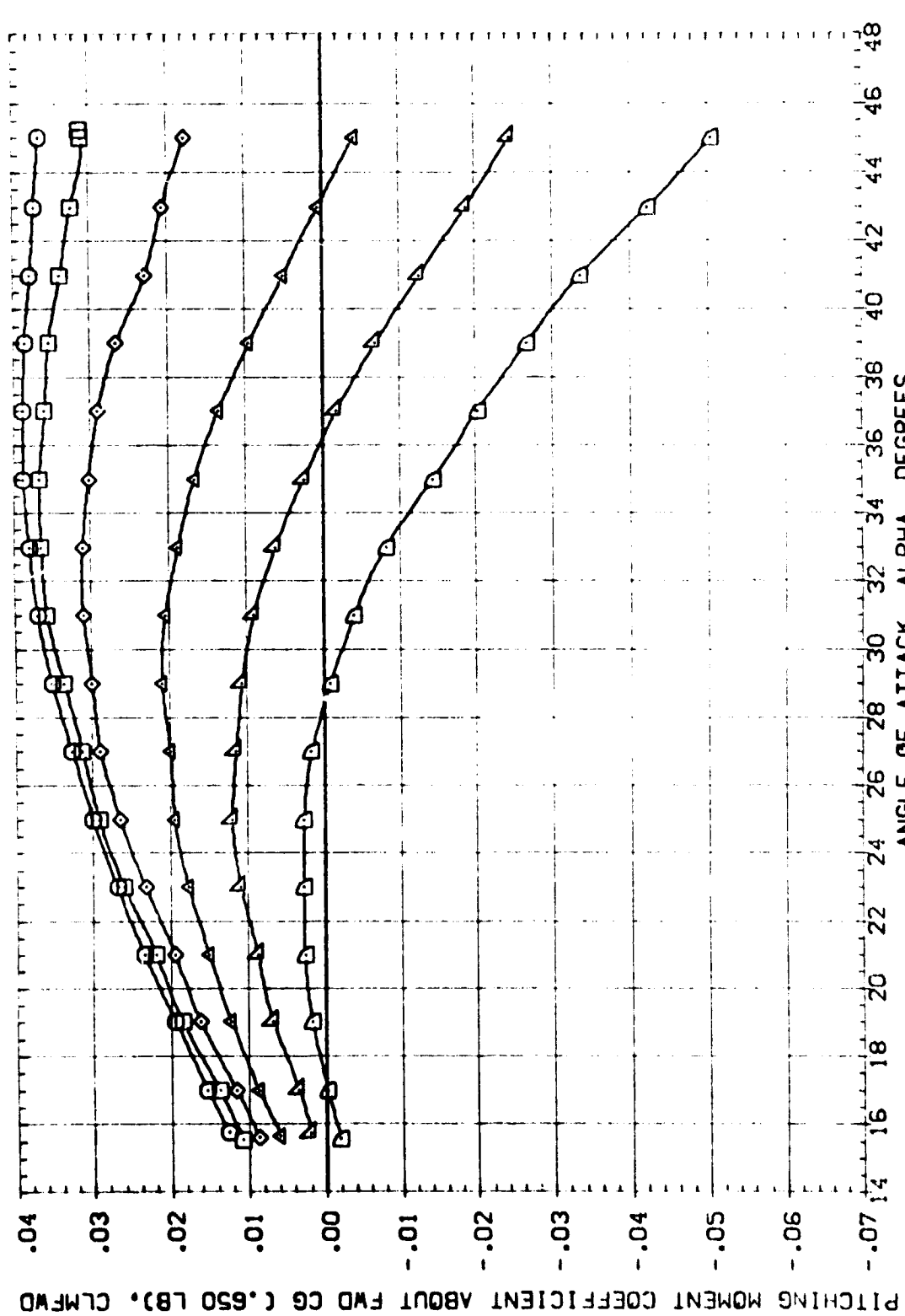


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPODBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA174(0A77/78) [B26C9-7M7] [W] [B2626] [VBRS]	-40.000	-11.700	55.000	.000	SREF 87.1550
[ATN007]	AEDC VA174(0A77/78) [B26C9-7M7] [W] [B2626] [VBRS]	-30.000	-11.700	55.000	.000	YREF 7.1220
[ATN008]	AEDC VA174(0A77/78) [B26C9-7M7] [W] [B2626] [VBRS]	-20.000	-11.700	55.000	.000	SREF 14.0520
[ATN009]	AEDC VA174(0A77/78) [B26C9-7M7] [W] [B2626] [VBRS]	-10.000	-11.700	55.000	.000	YMRP 12.6230
[ATN010]	AEDC VA174(0A77/78) [B26C9-7M7] [W] [B2626] [VBRS]	-5.000	-11.700	55.000	.000	ZMRP .0000
[ATN011]	AEDC VA174(0A77/78) [B26C9-7M7] [W] [B2626] [VBRS]	.000	-11.700	55.000	.000	ZMRP -.3750
						SCALE .0150

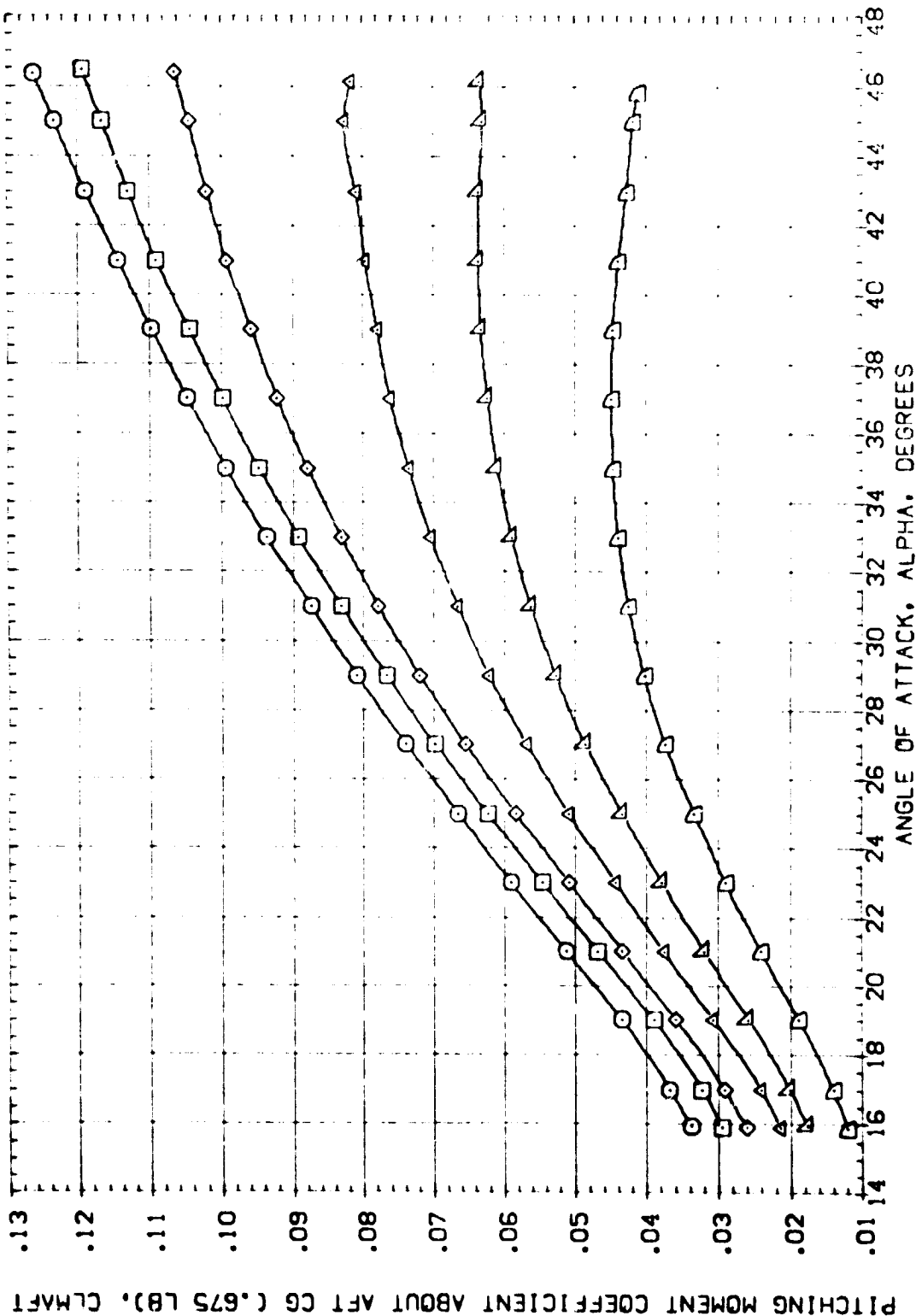


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(MACH = 5.95

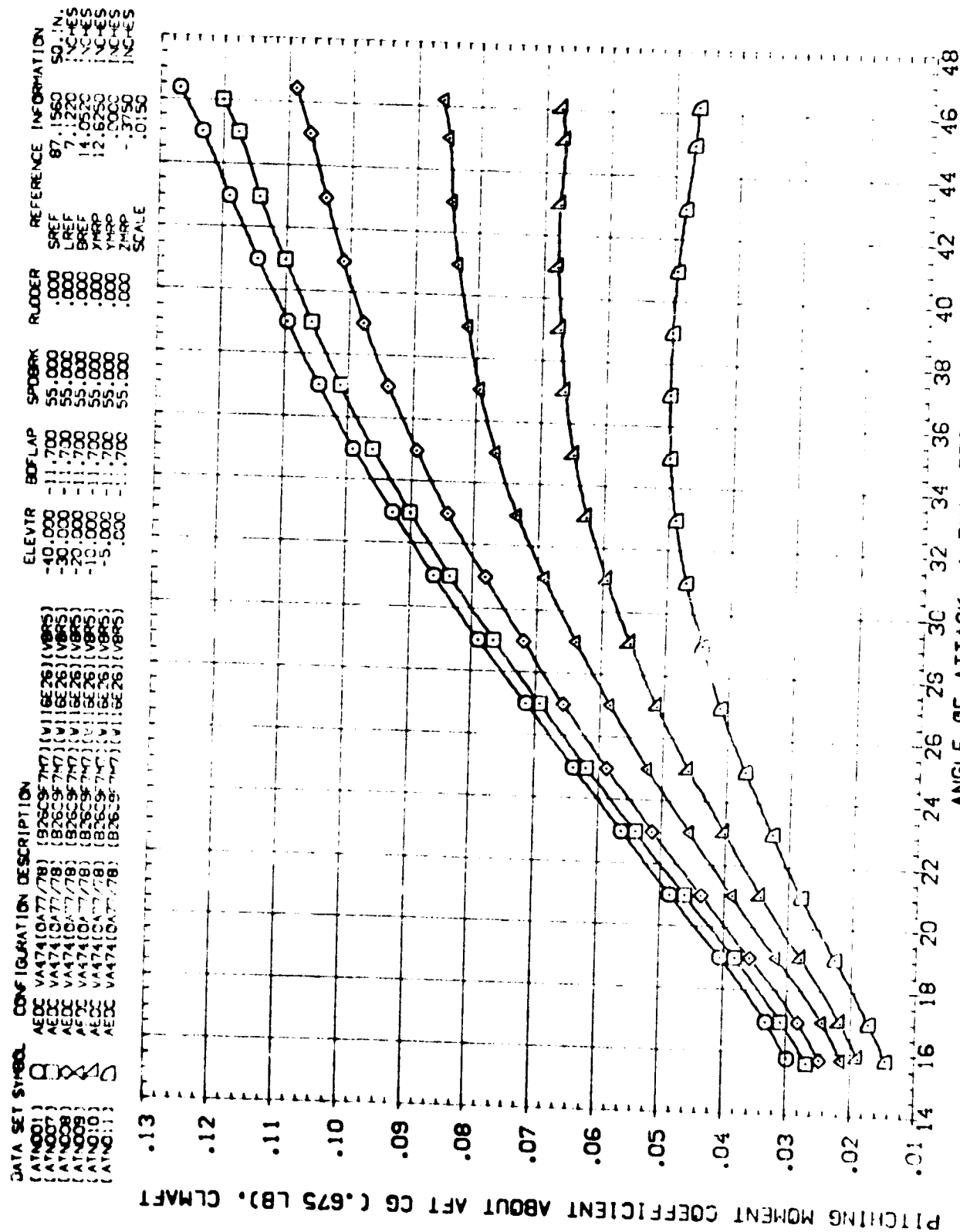


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATOR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION	SO, IN.
[ATN001]	AEDC VA474(OAT7/78) (B26C9-7M7) (V116E26) (VBK5)	-40.000	-11.700	55.000	.000	SREF	87.1560
[ATN007]	AEDC VA474(OAT7/78) (B26C9-7M7) (V116E26) (VBK5)	-30.000	-11.700	55.000	.000	LRFF	7.1220
[ATN008]	AEDC VA474(OAT7/78) (B26C9-7M7) (V116E26) (VBK5)	-20.000	-11.700	55.000	.000	BRFF	14.0520
[ATN009]	AEDC VA474(OAT7/78) (B26C9-7M7) (V116E26) (VBK5)	-10.000	-11.700	55.000	.000	XLRFF	12.6150
[ATN010]	AEDC VA474(OAT7/78) (B26C9-7M7) (V116E26) (VBK5)	-5.000	-11.700	55.000	.000	YLRFF	13.0000
[ATN011]	AEDC VA474(OAT7/78) (B26C9-7M7) (V116E26) (VBK5)	.000	-11.700	55.000	.000	ZLRFF	13.1500

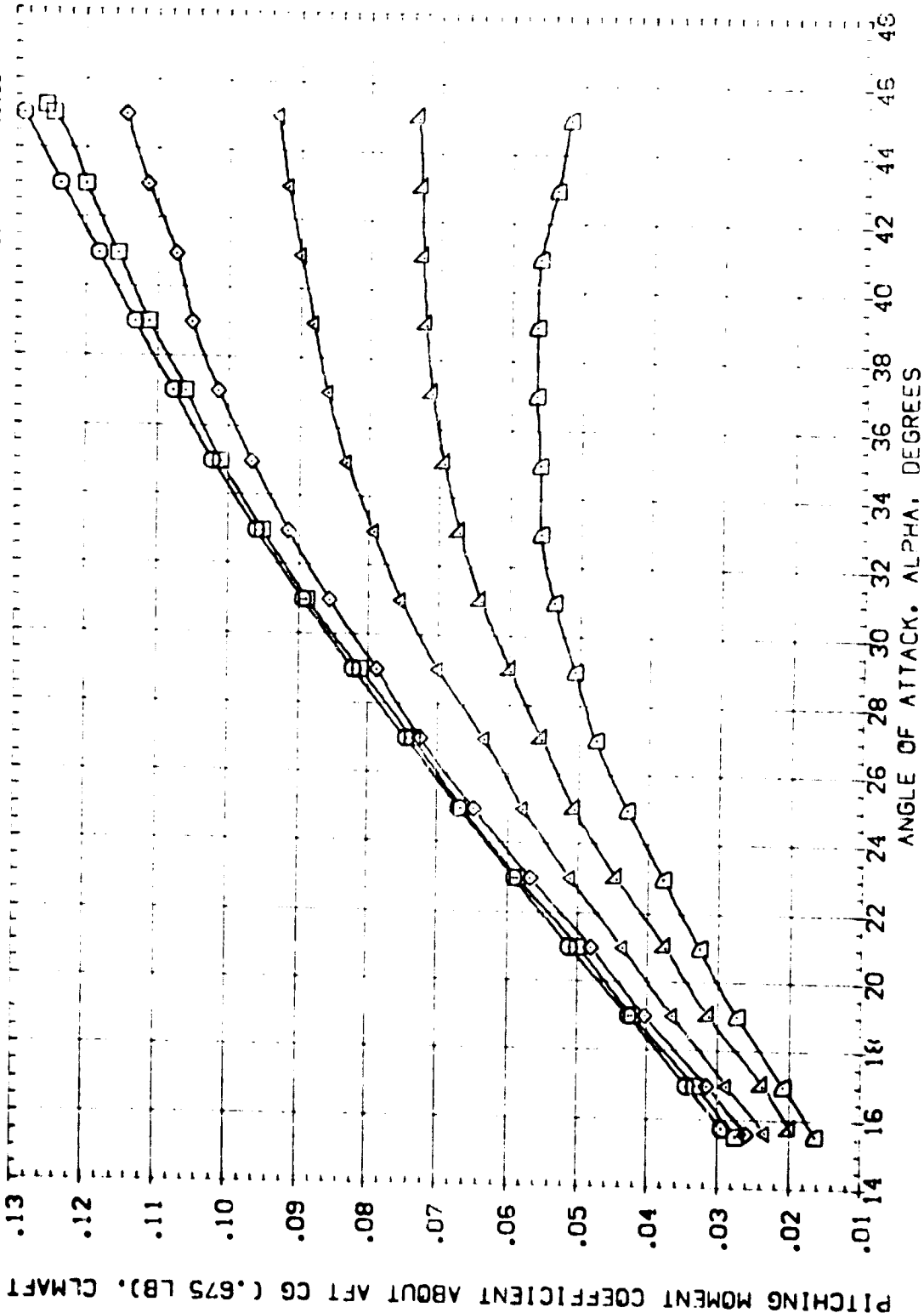


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(DA77/78) (B26C9F747)(V) (SE26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 INCHES
(ATN007)	AEDC VA474(DA77/78) (B26C9F747)(V) (SE26)(V8R5)	-30.000	-11.700	55.000	.000	REF 7.1220 INCHES
(ATN008)	AEDC VA474(DA77/78) (B26C9F747)(V) (SE26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN009)	AEDC VA474(DA77/78) (B26C9F747)(V) (SE26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(ATN010)	AEDC VA474(DA77/78) (B26C9F747)(V) (SE26)(V8R5)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
(ATN011)	AEDC VA474(DA77/78) (B26C9F747)(V) (SE26)(V8R5)	.000	-11.700	55.000	.000	ZMRP -3.350 INCHES
						SCALE 0.50

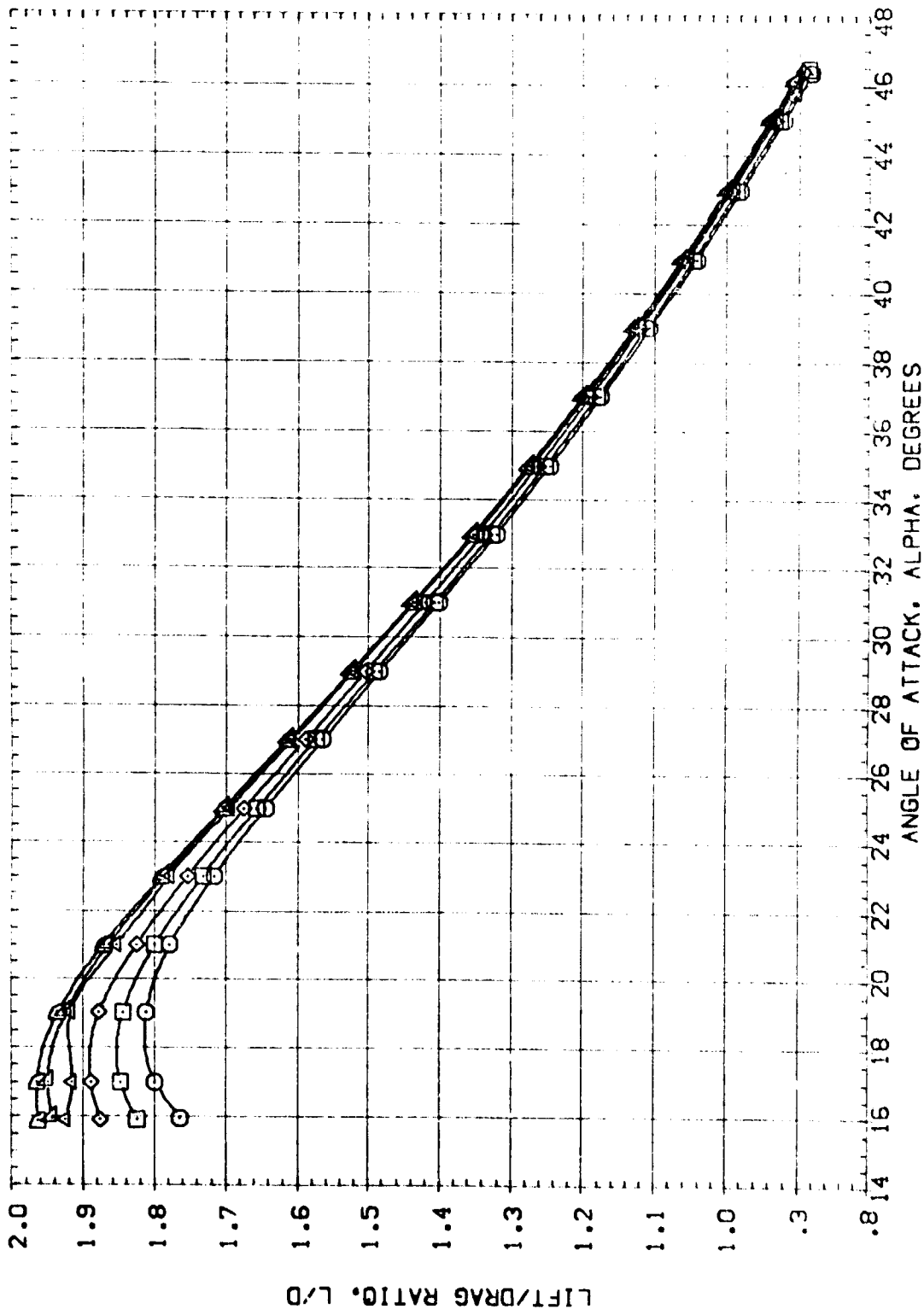


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 97.1560 SC.IN.
[ATN007]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN008]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN009]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATN010]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	-11.700	55.000	.000	YMRP 3.000 INCHES
[ATN011]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	ZMRP -3.000 INCHES
						SCALE .0150

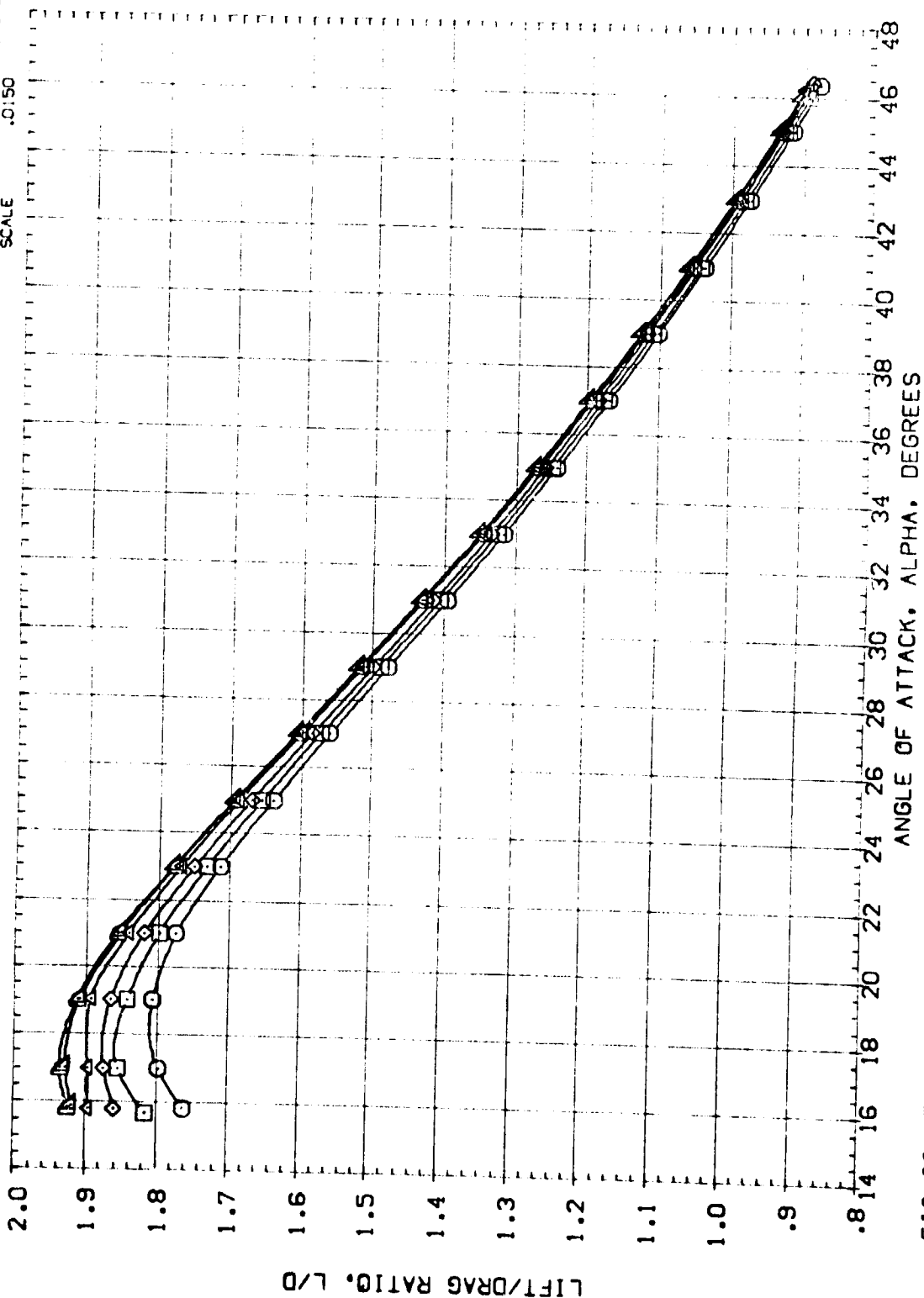


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.
(B)MACH = 8.00

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN007)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN008)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN009)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(ATN010)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

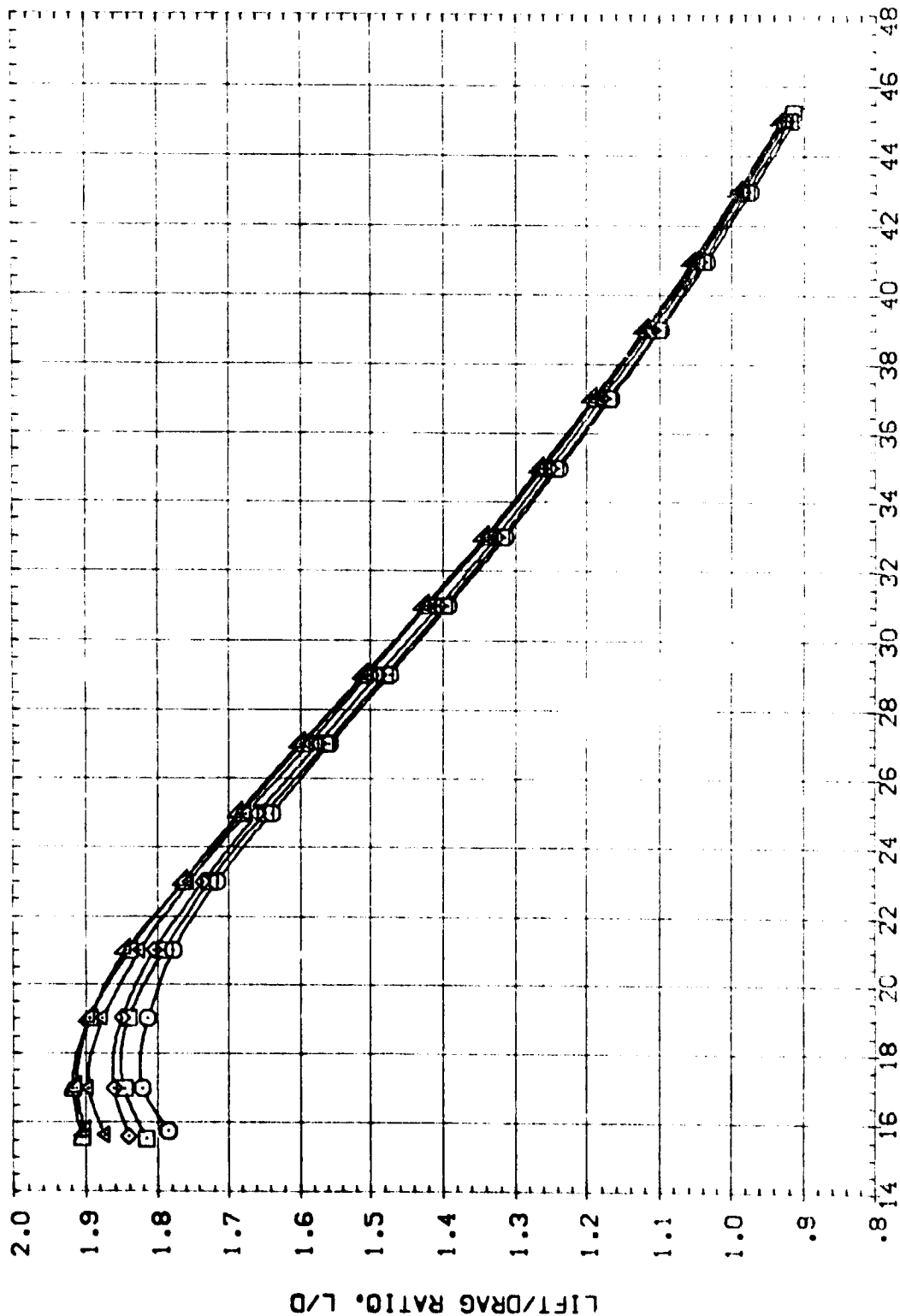
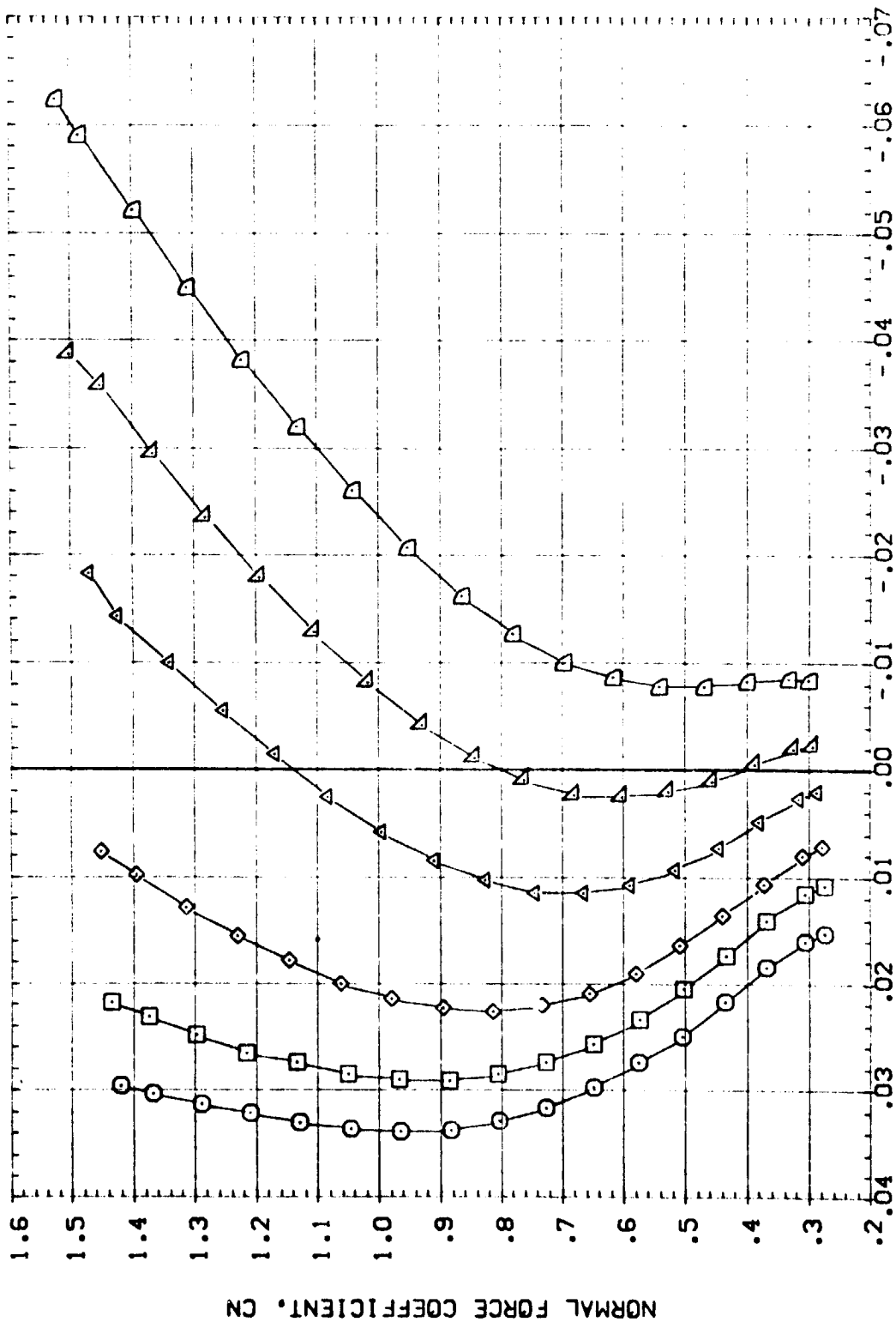


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SY BOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474 (CA77/78) (B26CSF7H7) (V1 BE26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ IN.
[ATN007]	AEDC VA474 (CA77/78) (B26CSF7H7) (V1 BE26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN008]	AEDC VA474 (CA77/78) (B26CSF7H7) (V1 BE26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN009]	AEDC VA474 (CA77/78) (B26CSF7H7) (V1 BE26) (VBRS)	-10.000	-11.700	55.000	.000	XTRP 12.6250 INCHES
[ATN010]	AEDC VA474 (CA77/78) (B26CSF7H7) (V1 BE26) (VBRS)	-5.000	-11.700	55.000	.000	ZTRP .0000 INCHES
[ATN011]	AEDC VA474 (CA77/78) (B26CSF7H7) (V1 BE26) (VBRS)	.000	-11.700	55.000	.000	ZTRP -.3750 INCHES
						SCALE .0150



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFWD

FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(CA77/78) (B26C9-7M7)(V1) (SE26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 50. IN.
(ATN007)	AEDC VA474(OA77/78) (B26C9-7M7)(V1) (SE26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN008)	AEDC VA474(OA77/78) (B26C9-7M7)(V1) (SE26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN009)	AEDC VA474(OA77/78) (B26C9-7M7)(V1) (SE26)(V8R5)	-10.000	-11.700	55.000	.000	YMRP 12.6250 INCHES
(ATN010)	AEDC VA474(OA77/78) (B26C9-7M7)(V1) (SE26)(V8R5)	-5.000	-11.700	55.000	.000	ZMRP .0000 INCHES
(ATN011)	AEDC VA474(OA77/78) (B26C9-7M7)(V1) (SE26)(V8R5)	.000	-11.700	55.000	.000	SCALE .0150

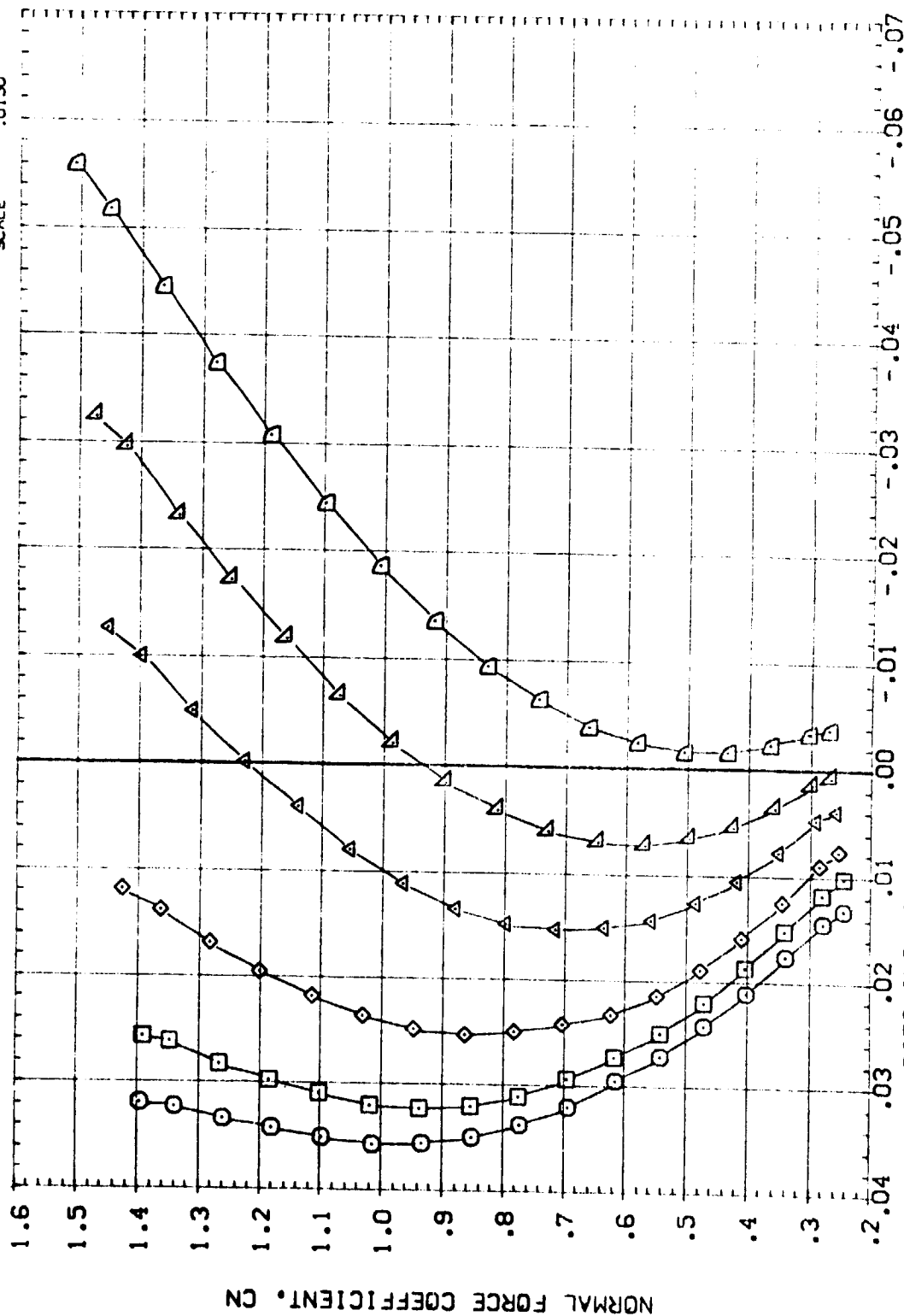
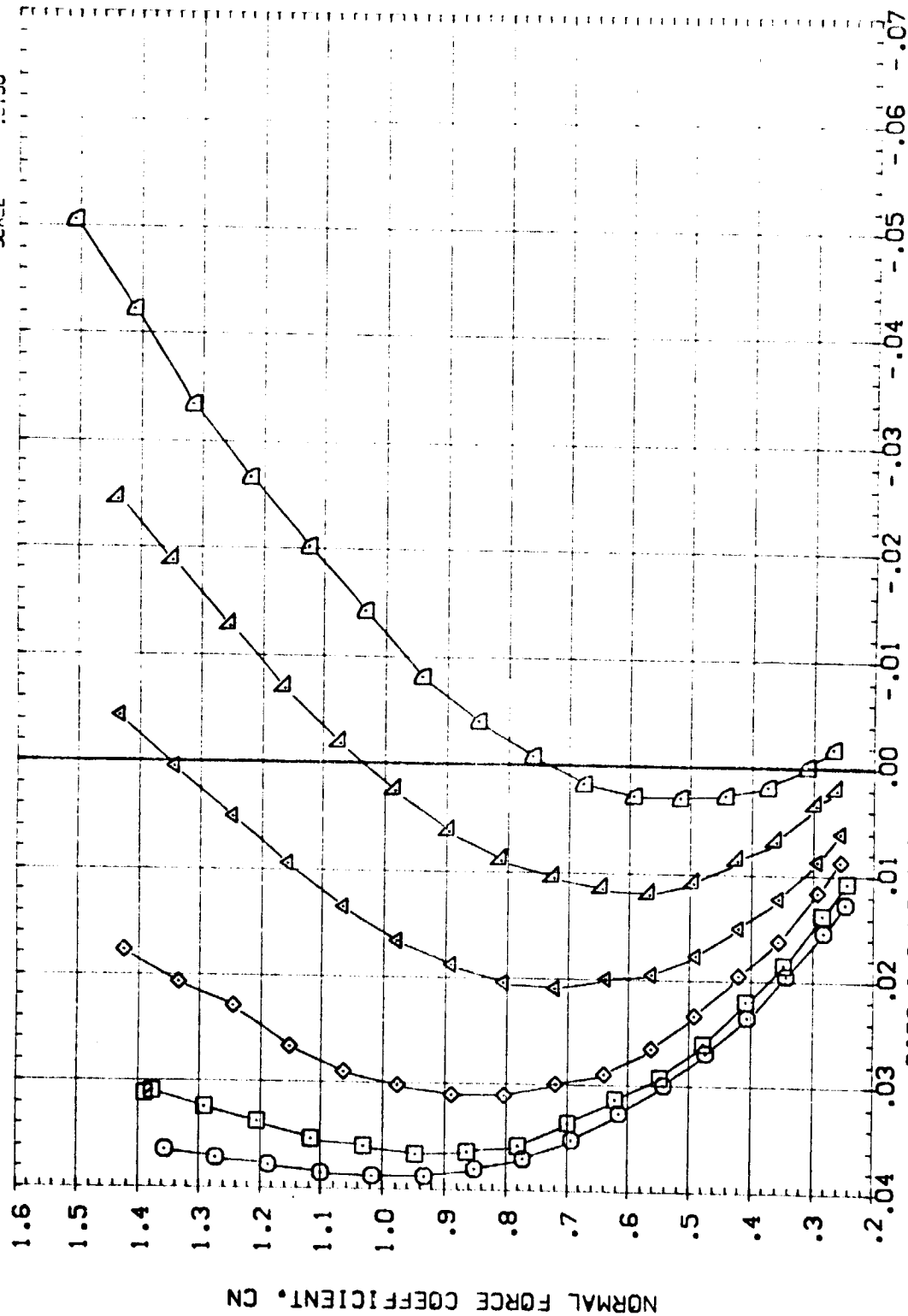


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 50.1 IN.
[ATN007]	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 77.1220 10.0 IN.
[ATN008]	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 10.0 IN.
[ATN009]	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 10.0 IN.
[ATN010]	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	ZMRP .3750 10.0 IN.
[ATN011]	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	SCALE .0150



(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFO	ATION
(ATN001)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560	SO.IN.
(ATN007)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220	NCIES
(ATN008)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520	NCIES
(ATN009)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250	NCIES
(ATN010)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	-11.700	55.000	.000	YMRP .0000	NCIES
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	ZMRP -.3750	NCIES
						SCALE .0150	

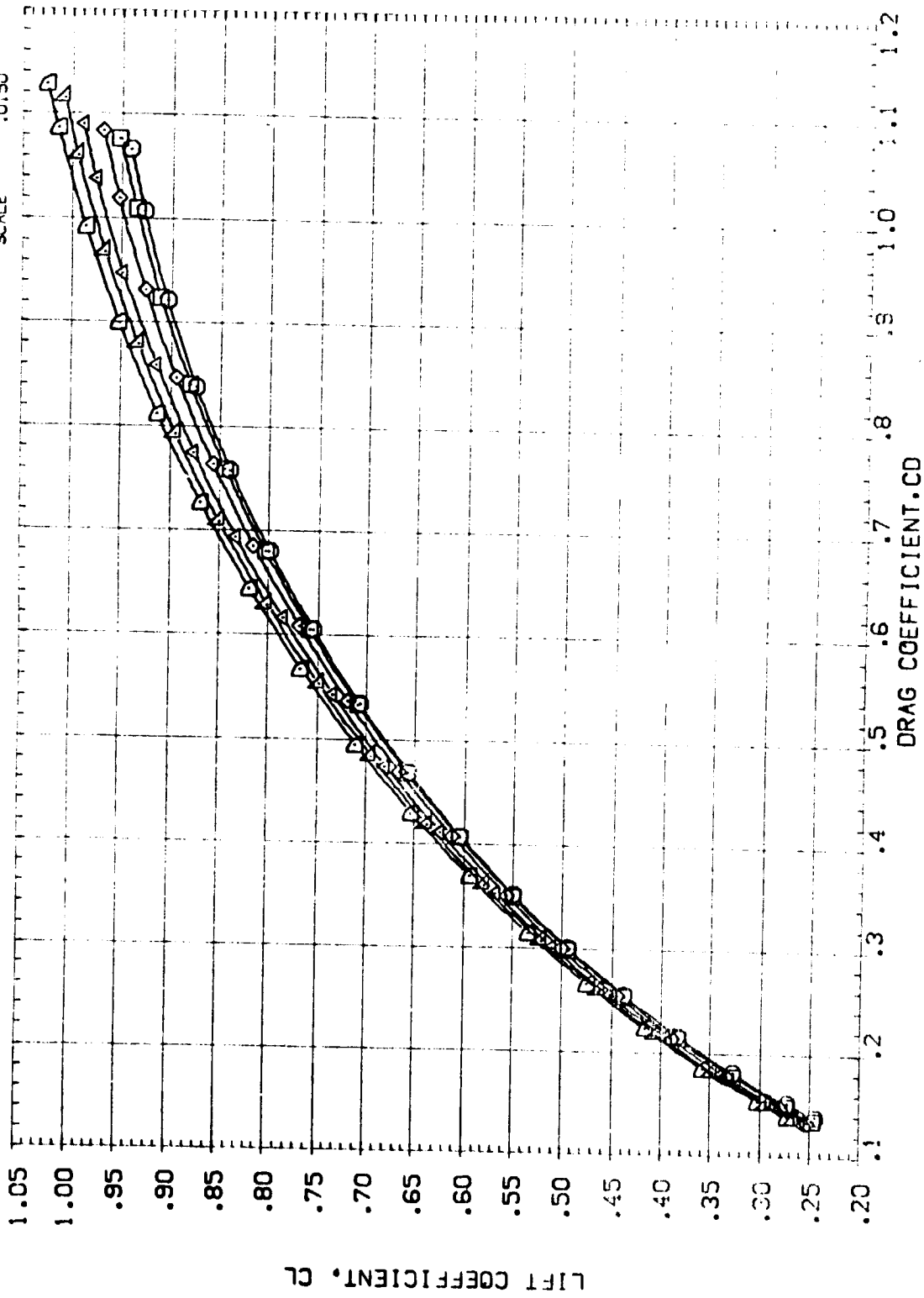


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
 (A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPO3RK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 50.1N.
(ATN007)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220 1NCHES
(ATN008)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 1NCHES
(ATN009)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	YMRP .0000 1NCHES
(ATN010)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	ZMRP .3750 1NCHES
(ATN011)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	SCALE .0150

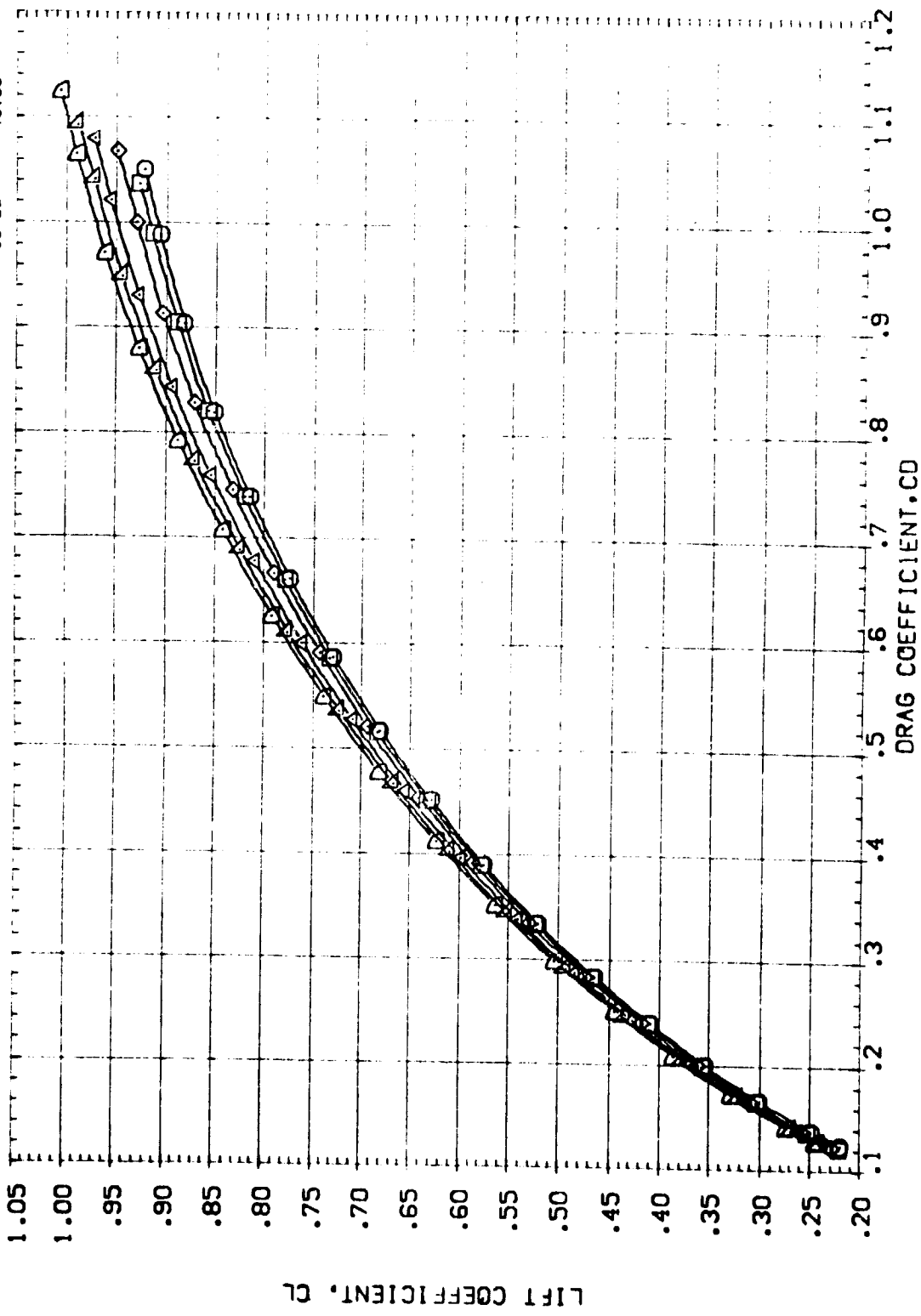


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
[ATN007]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN008]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN009]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATN010]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
[ATN011]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	MRP -.3750 INCHES
						SCALE .0150

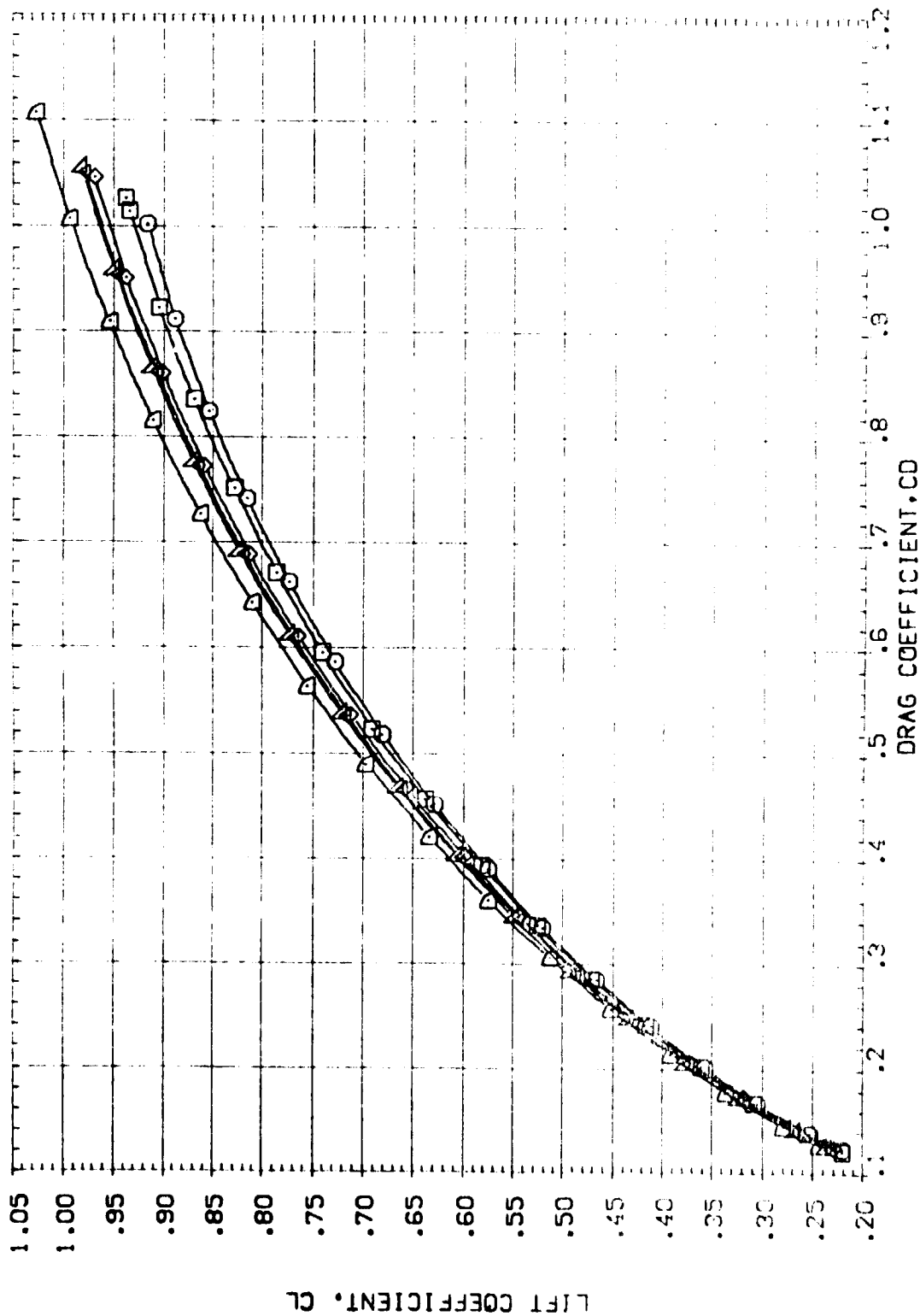


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BODY FLAP SPOBRK RUDDER REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BODY FLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(OA77/78) (B26C9/7M7) (V116E26)(VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
[ATN007]	AEDC VA474(OA77/78) (B26C9/7M7) (V116E26)(VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN008]	AEDC VA474(OA77/78) (B26C9/7M7) (V116E26)(VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN009]	AEDC VA474(OA77/78) (B26C9/7M7) (V116E26)(VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATN010]	AEDC VA474(OA77/78) (B26C9/7M7) (V116E26)(VBRS)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
[ATN011]	AEDC VA474(OA77/78) (B26C9/7M7) (V116E26)(VBRS)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES

SCALE .0150

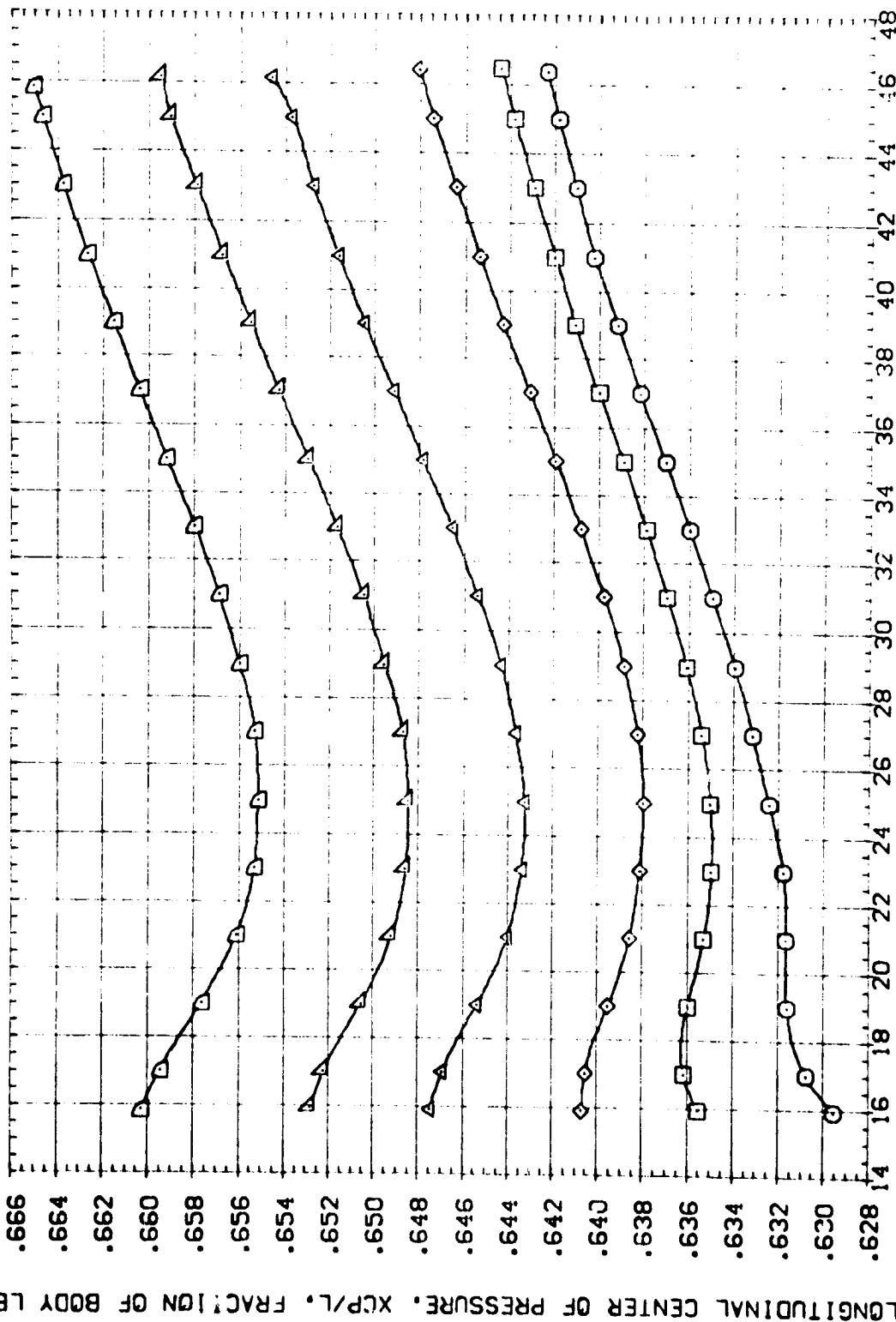


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATNG011]	AEDC VA474(0A77/78) (B26C9-7H7)(V)16E26(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 50. IN.
[ATNG007]	AEDC VA474(0A77/78) (B26C9-7H7)(V)16E26(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATNG008]	AEDC VA474(0A77/78) (B26C9-7H7)(V)16E26(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATNG009]	AEDC VA474(0A77/78) (B26C9-7H7)(V)16E26(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATNG010]	AEDC VA474(0A77/78) (B26C9-7H7)(V)16E26(V8R5)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
[ATNG011]	AEDC VA474(0A77/78) (B26C9-7H7)(V)16E26(V8R5)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

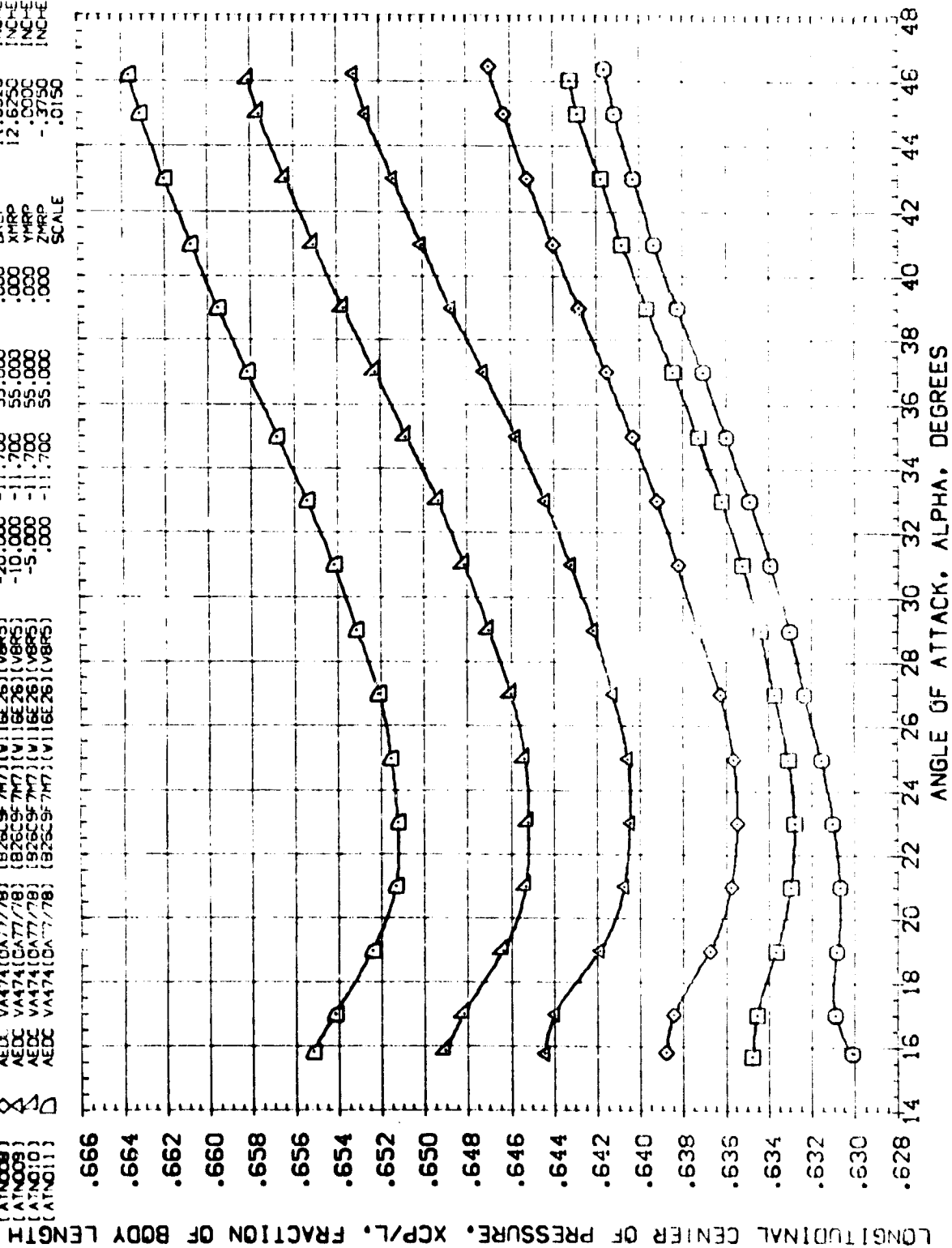


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELI/VTR BOFLAP SPOBRK RUDDER REFERENCE INFORMATION

[ATN001]	AEDC VA474 (0477/78) (B26C9 747) (V1) (6E26) (V8RS)	-40.000	-11.700	55.000	.000	SREF 87.1560
[ATN007]	AEDC VA474 (0477/78) (B26C9 747) (V1) (6E26) (V8RS)	-30.000	-11.700	55.000	.000	LREF 7.1220
[ATN008]	AEDC VA474 (0477/78) (B26C9 747) (V1) (6E26) (V8RS)	-20.000	-11.700	55.000	.000	BREF 14.0520
[ATN009]	AEDC VA474 (0477/78) (B26C9 747) (V1) (6E26) (V8RS)	-10.000	-11.700	55.000	.000	XRRP 12.6250
[ATN010]	AEDC VA474 (0477/78) (B26C9 747) (V1) (6E26) (V8RS)	-5.000	-11.700	55.000	.000	YRRP .0000
[ATN011]	AEDC VA474 (0477/78) (B26C9 747) (V1) (6E26) (V8RS)	.000	-11.700	55.000	.000	ZRRP -.3750
						SCALE .0150

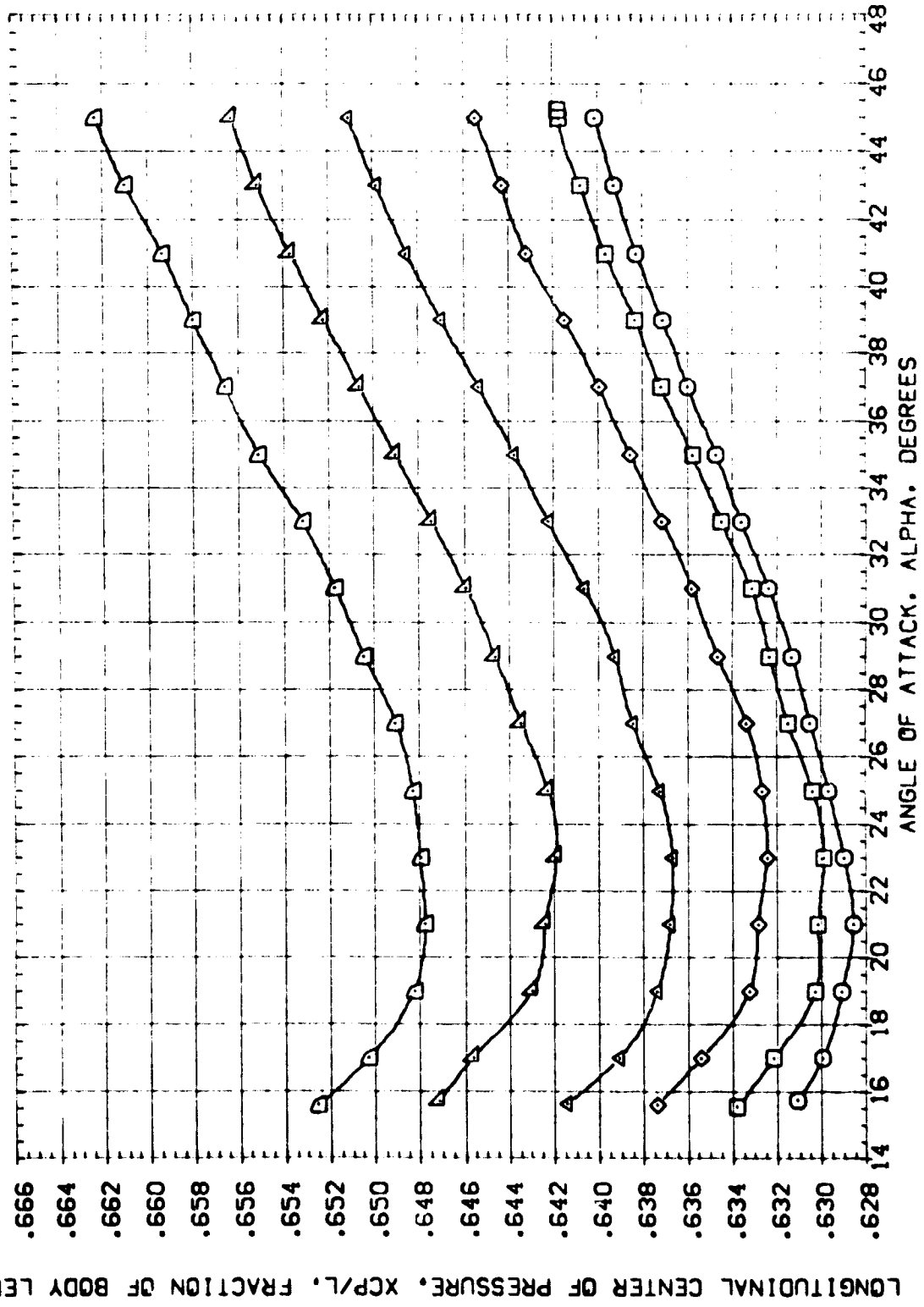


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(A)NG11)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8B5)	.000	-11.700	55.000	.000	SREF 87.1560 SO.IN.
(A)NG24)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8B5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(A)NG25)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8B5)	10.000	-11.700	55.000	.000	BREF 14.0320 INCHES
(A)NG26)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8B5)	15.000	-11.700	55.000	.000	XMRP 12.6350 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

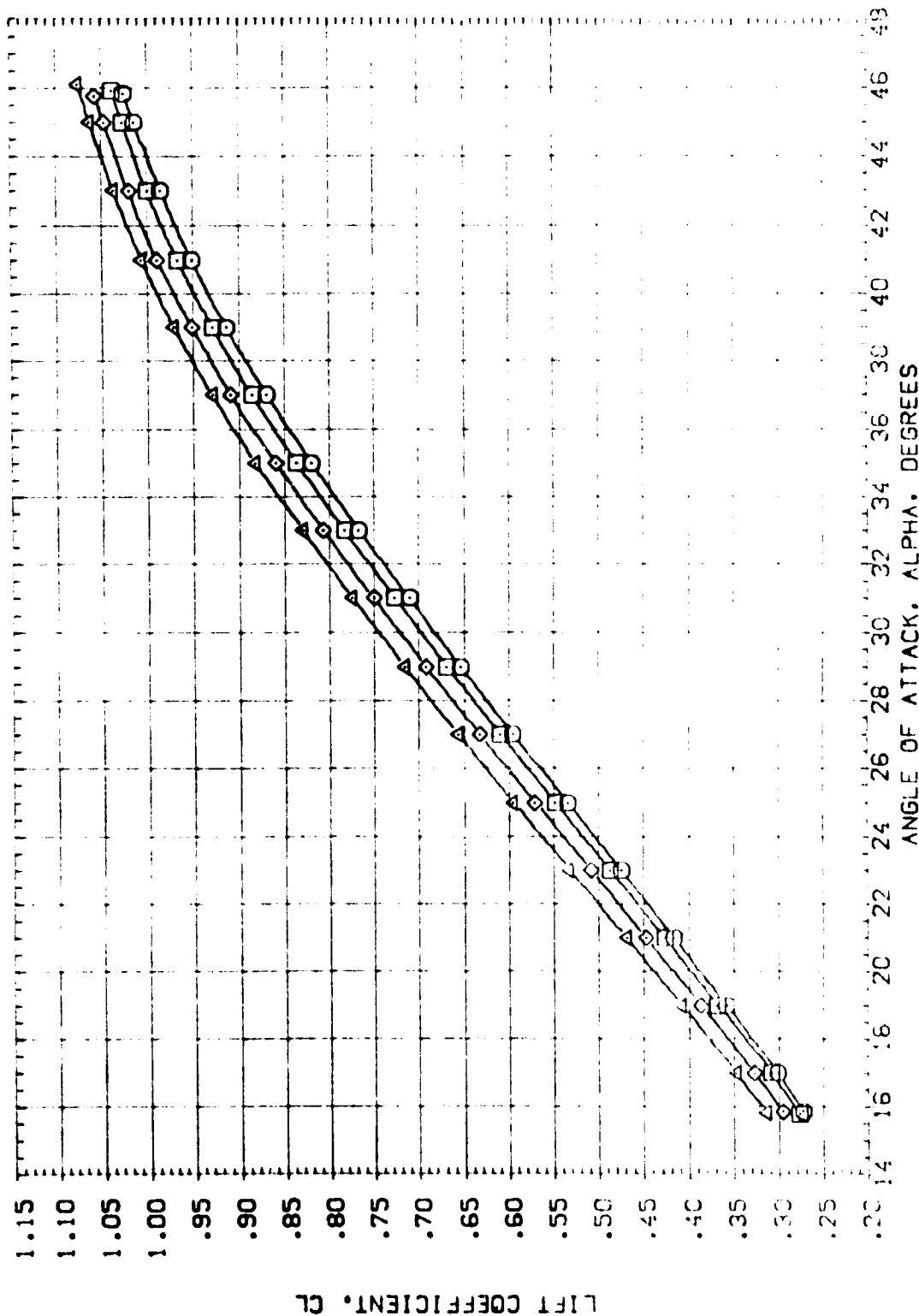


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	REF	SR	LR	XR	YR	ZR	SCALE
(ATN011)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V80S)	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560
(ATN024)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V80S)	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560
(ATN025)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V80S)	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560
(ATN026)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V80S)	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560	87.1560

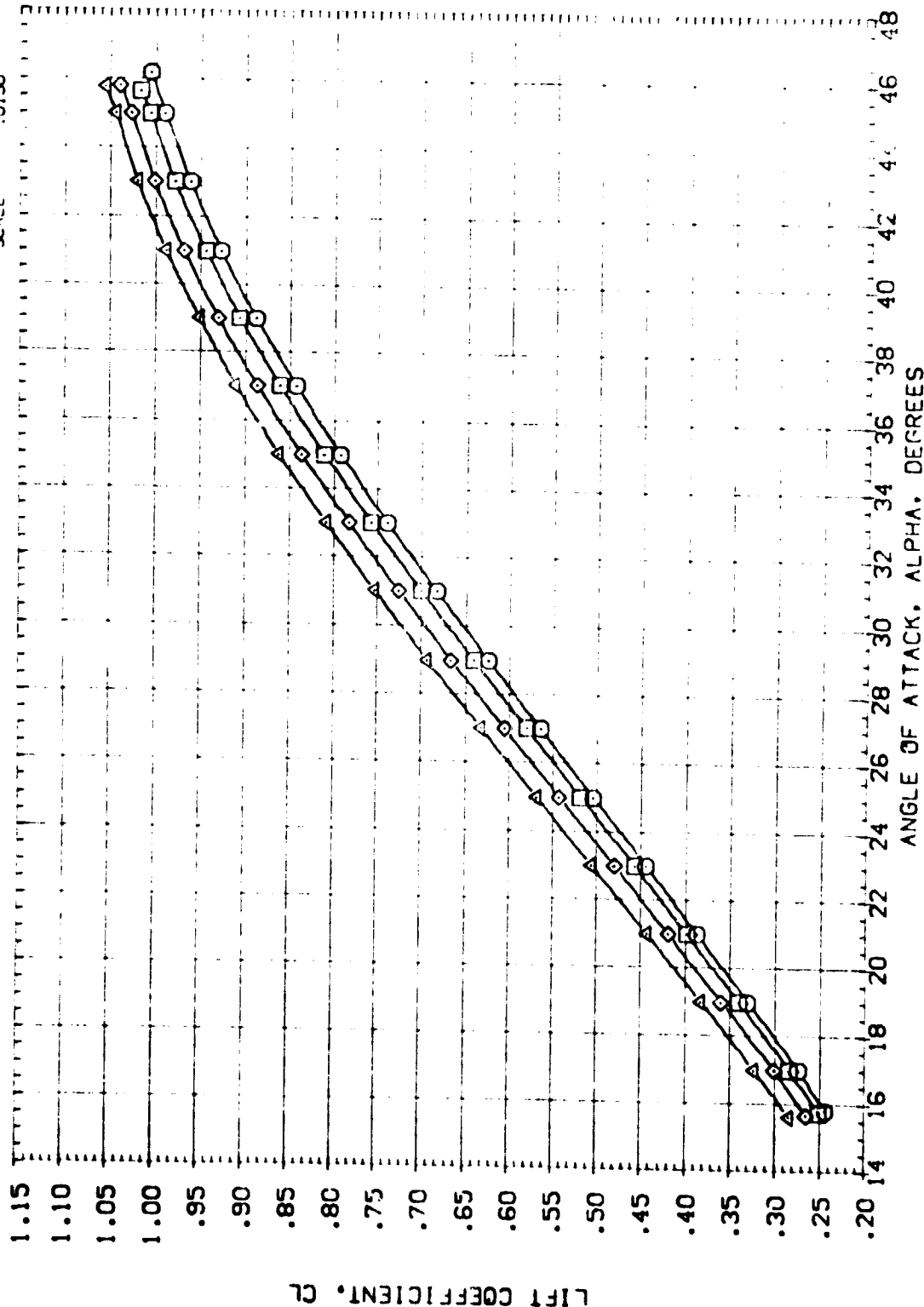


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(CAT7/78) (B26C9F7M7) (V116E26) (VB85)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN024)	AEDC VA474(CAT7/78) (B26C9F7M7) (V116E26) (VB85)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN025)	AEDC VA474(CAT7/78) (B26C9F7M7) (V116E26) (VB85)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN026)	AEDC VA474(CAT7/78) (B26C9F7M7) (V116E26) (VB85)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

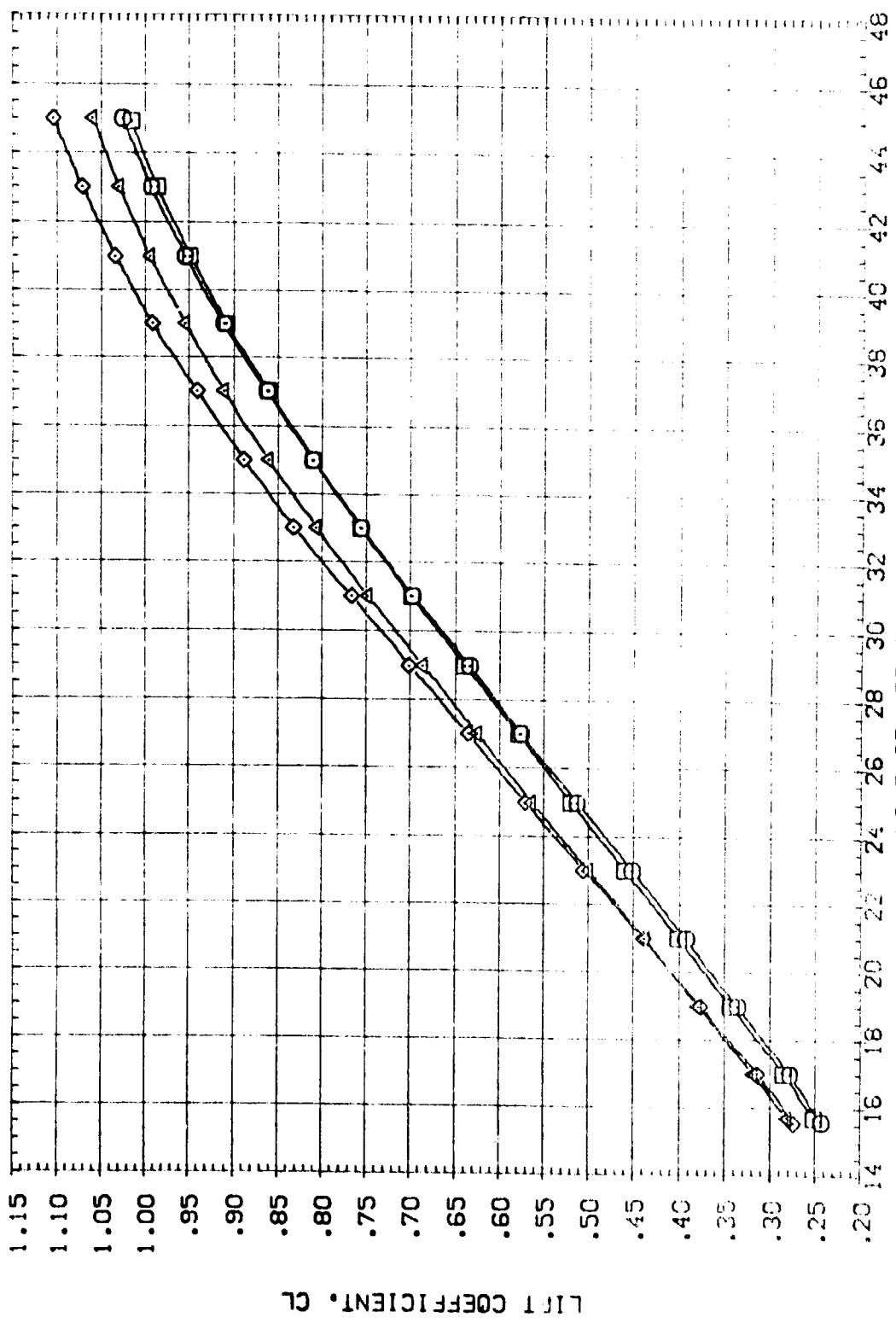


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATNG11]	AEDC VA474(QA77/78) (B26C9-7H7) (V116E26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
[ATNG24]	AEDC VA474(QA77/78) (B26C9-7H7) (V116E23)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATNG25]	AEDC VA474(QA77/78) (B26C9-7H7) (V116E26)(V8R5)	10.000	-11.700	55.000	.000	SREF 14.0520 INCHES
[ATNG26]	AEDC VA474(QA77/78) (B26C9-7H7) (V116E26)(V8R5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

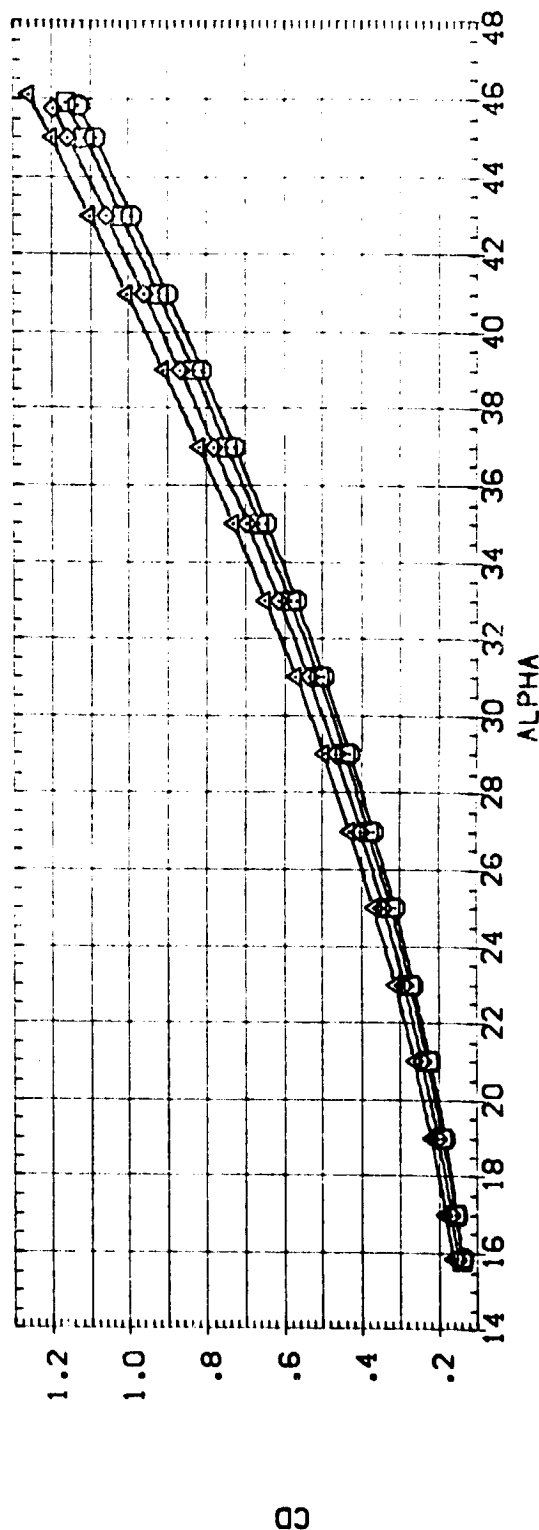
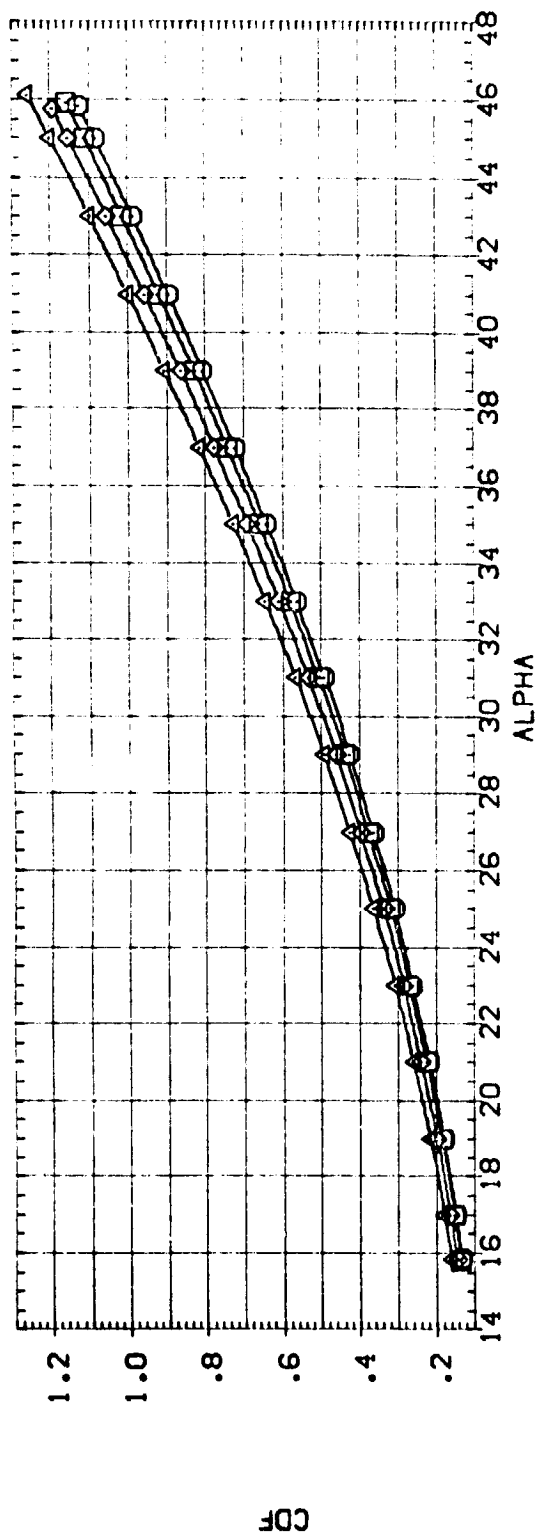


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION	SO. IN.
[ATN011]	AEDC VA474(OA77/78) (B26CSF7H7)(V1 B26)(V8K5)	.000	-11.700	55.000	.000	SREF	87.1560
[ATN024]	AEDC VA474(OA77/78) (B26CSF7H7)(V1 B26)(V8K5)	.000	-11.700	55.000	.000	LREF	7.1220
[ATN025]	AEDC VA474(OA77/78) (B26CSF7H7)(V1 B26)(V8K5)	5.000	-11.700	55.000	.000	BREF	14.0520
[ATN026]	AEDC VA474(OA77/78) (B26CSF7H7)(V1 B26)(V8K5)	10.000	-11.700	55.000	.000	XMRP	12.6250
		15.000	-11.700	55.000	.000	YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

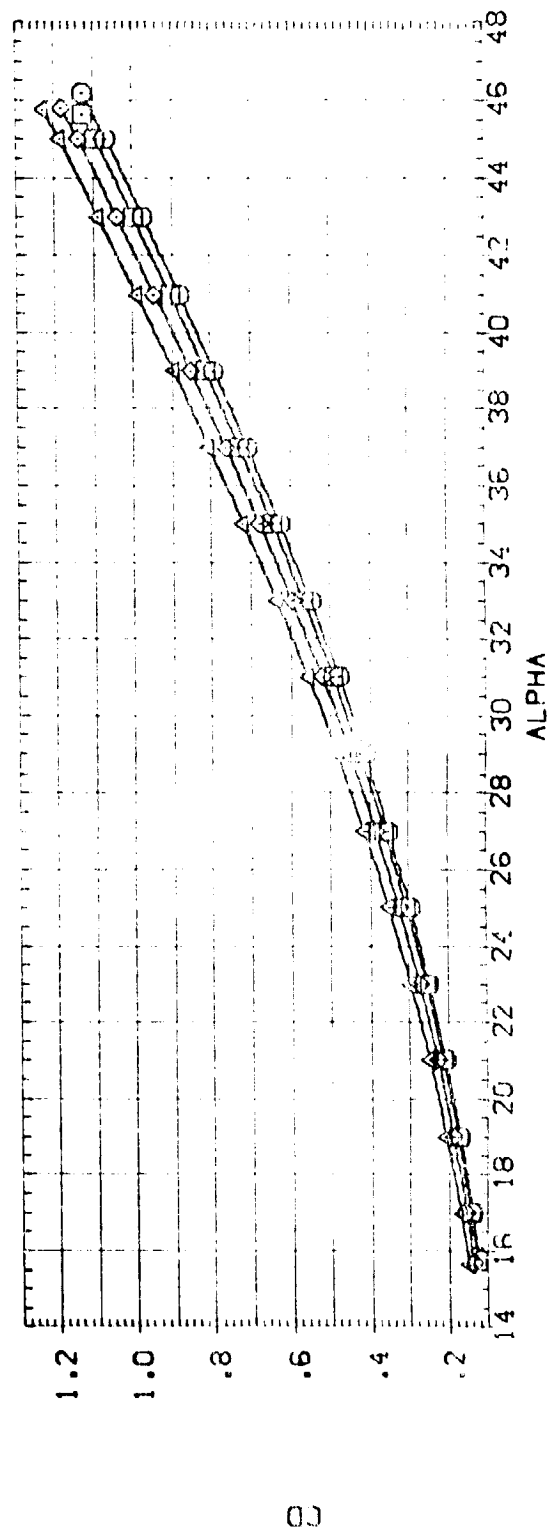
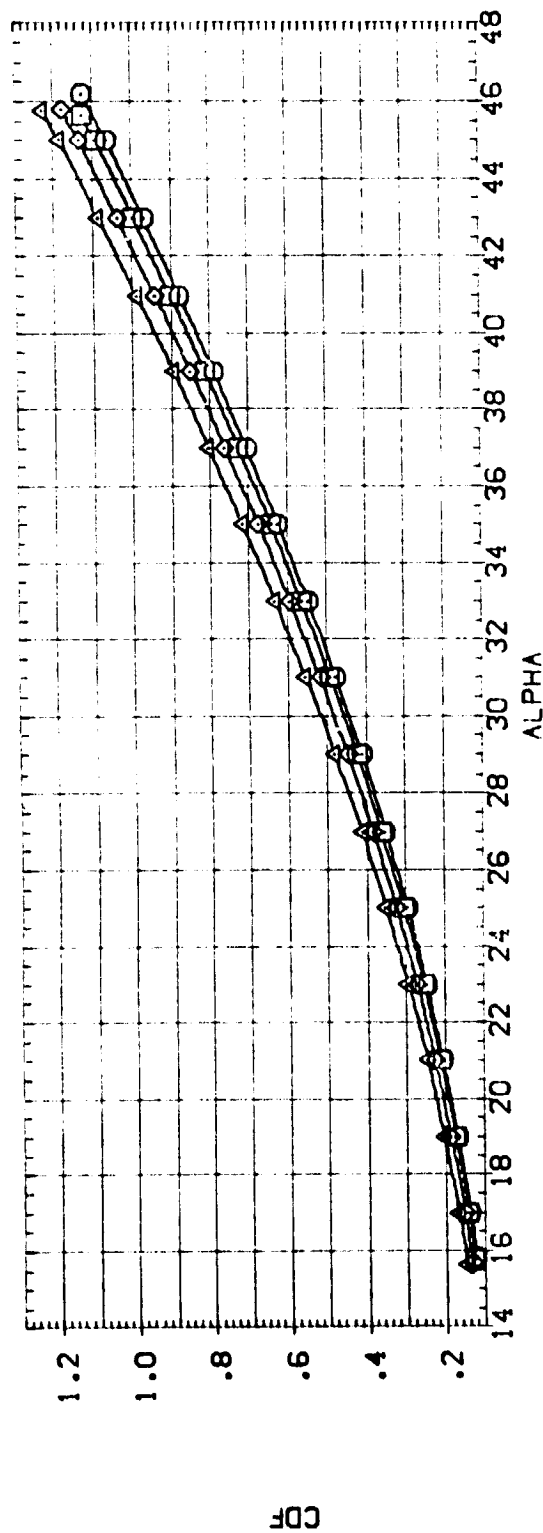


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL \ CONFIGURATION DESCRIPTION

[ATNG11] AEDC VA474 (QAT77/78) (B26C9F7M7) (V116E26) (VBRS)
 [ATNG24] AEDC VA474 (QAT77/78) (B26C9F7M7) (V116E26) (VBRS)
 [ATNG25] AEDC VA474 (QAT77/78) (B26C9F7M7) (V116E26) (VBRS)
 [ATNG26] AEDC VA474 (QAT77/78) (B26C9F7M7) (V116E26) (VBRS)

ELEVTR BOFLAP SPOBRK RUDDER
 .000 -11.700 55.000 .000
 5.000 -11.700 55.000 .000
 10.000 -11.700 55.000 .000
 15.000 -11.700 55.000 .000

REFERENCE INFORMATION
 SREF 87.1563 SQ. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

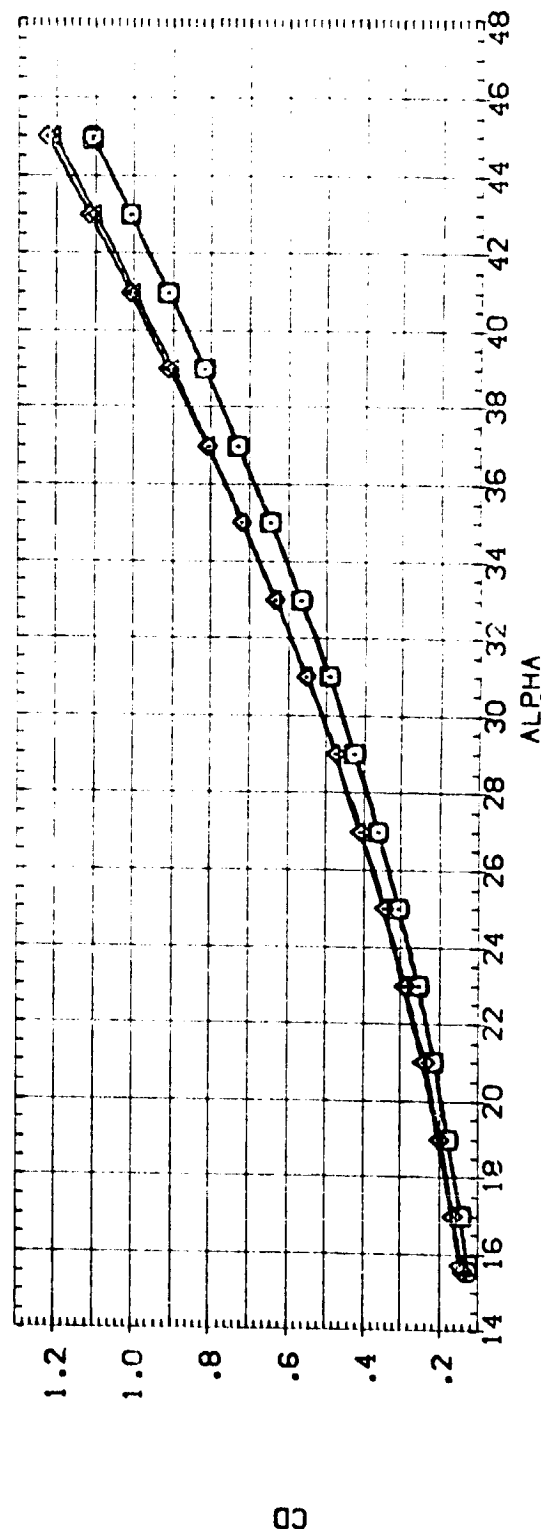
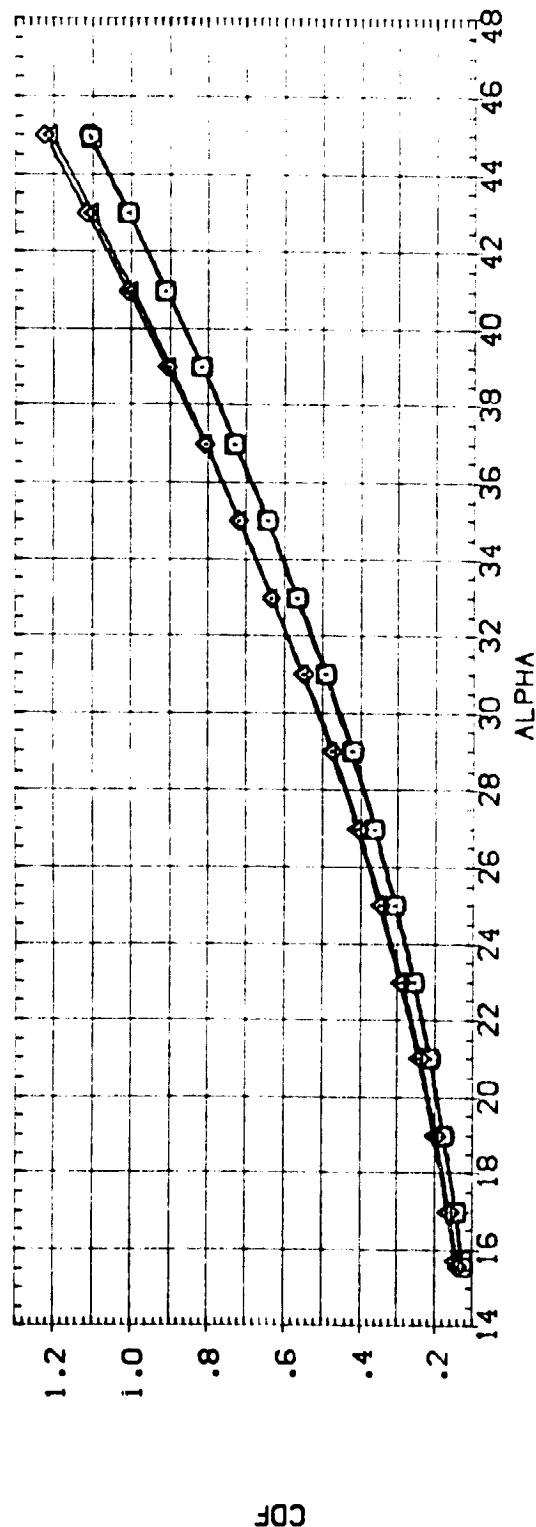


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SD, IN.
(ATNQ11)	AEDC VA474(0A77/78) (B76C9F7M7)(V116E26)(V8K5)	.000	-11.700	55.000	.000	SREF	87.1560
(ATNQ24)	AEDC VA474(0A77/78) (B76C9F7M7)(V116E26)(V8K5)	5.000	-11.700	55.000	.000	LREF	7.1220
(ATNQ25)	AEDC VA474(0A77/78) (B76C9F7M7)(V116E26)(V8K5)	10.000	-11.700	55.000	.000	BREF	14.0520
(ATNQ26)	AEDC VA474(0A77/78) (B76C9F7M7)(V116E26)(V8K5)	15.000	-11.700	55.000	.000	XMRP	12.6250
						YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

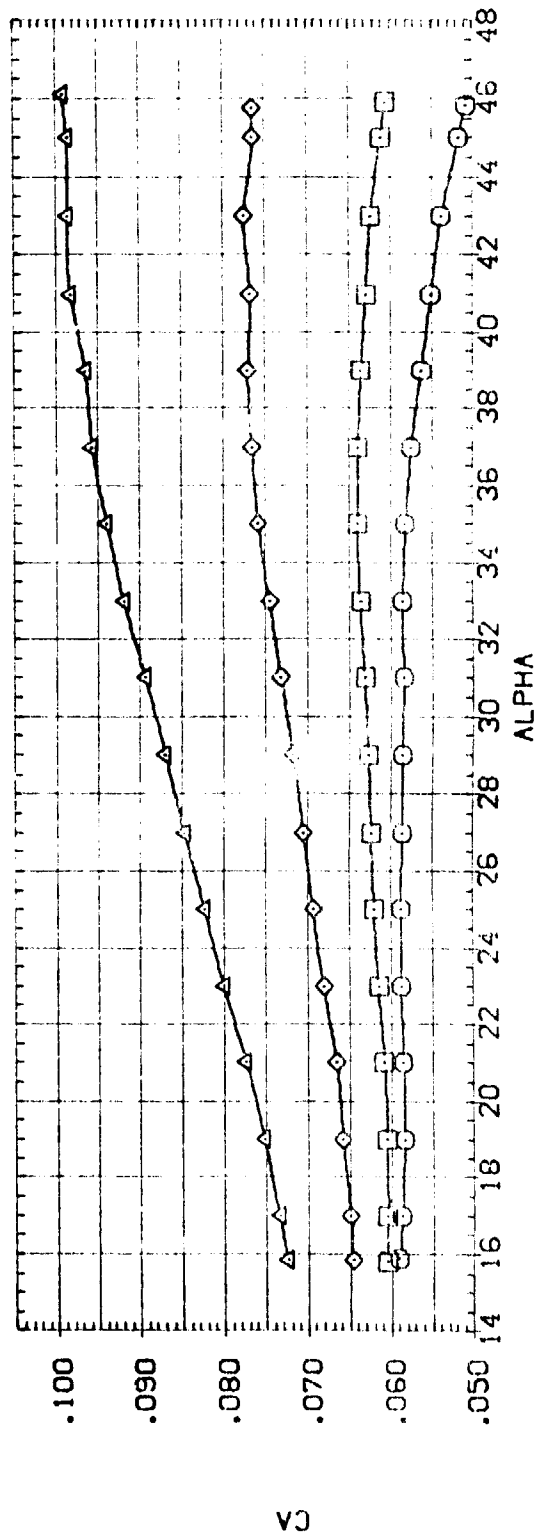
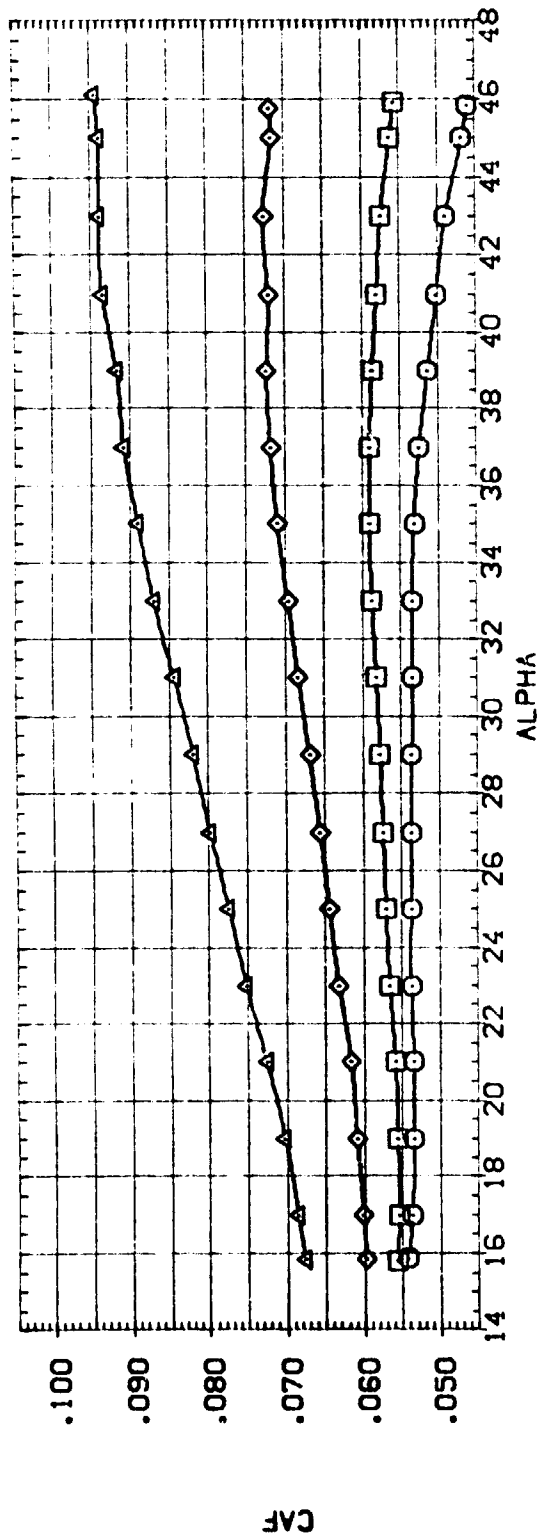


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

CA/MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOELAP	SPOBRK	RUDDER	REFERENCE INFORMATION
{ATN011}	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	-11.700	55.000	.000	SO. IN.
{ATN024}	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	5.000	-11.700	55.000	.000	INCHES
{ATN025}	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	10.000	-11.700	55.000	.000	INCHES
{ATN026}	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	15.000	-11.700	55.000	.000	INCHES
						YMRP
						ZMRP
						SCALE

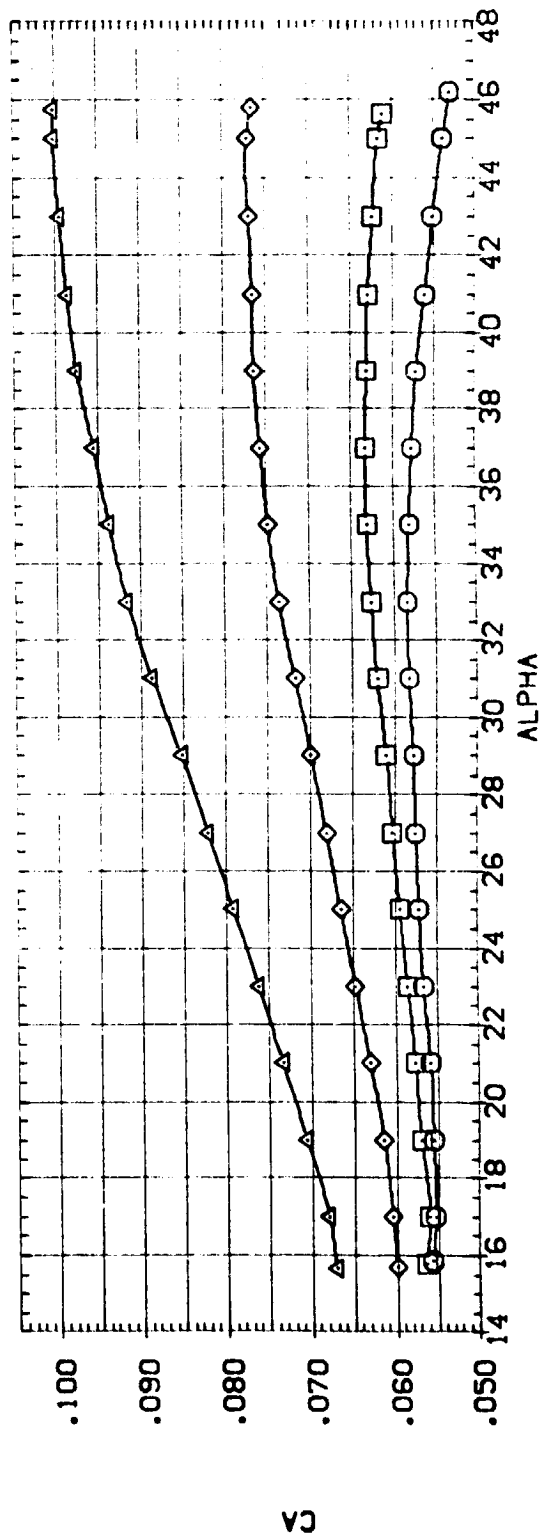
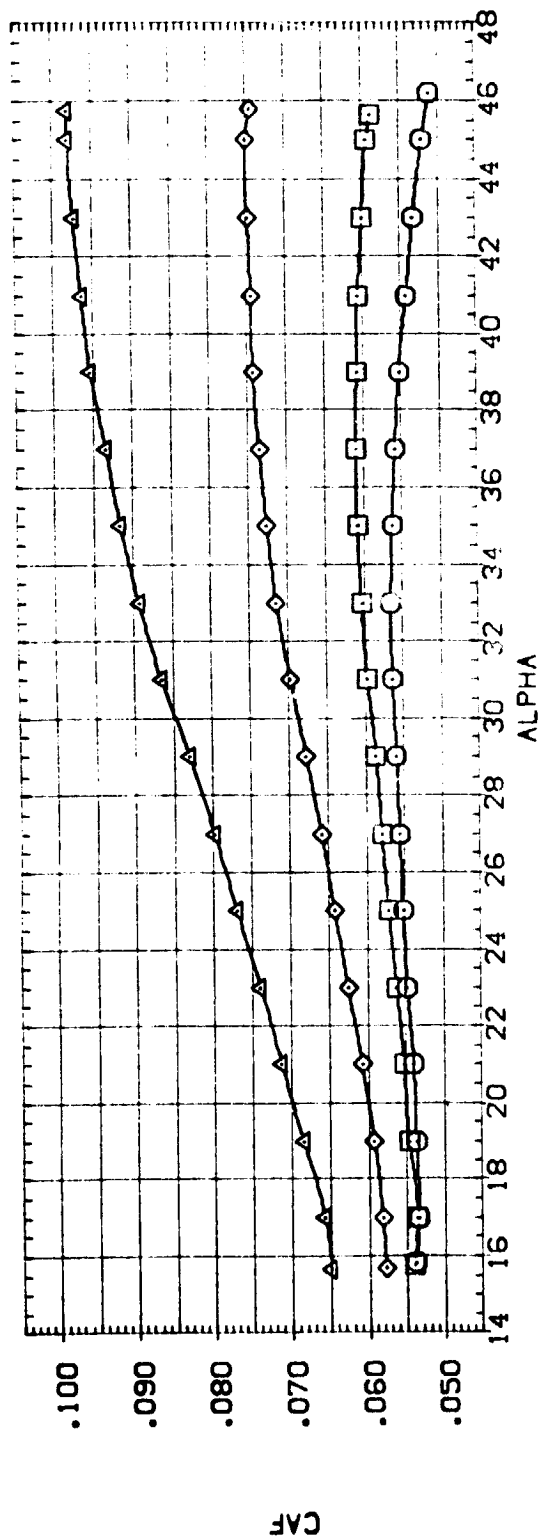


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1550 SQ. IN.
(ATN024)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN025)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN026)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

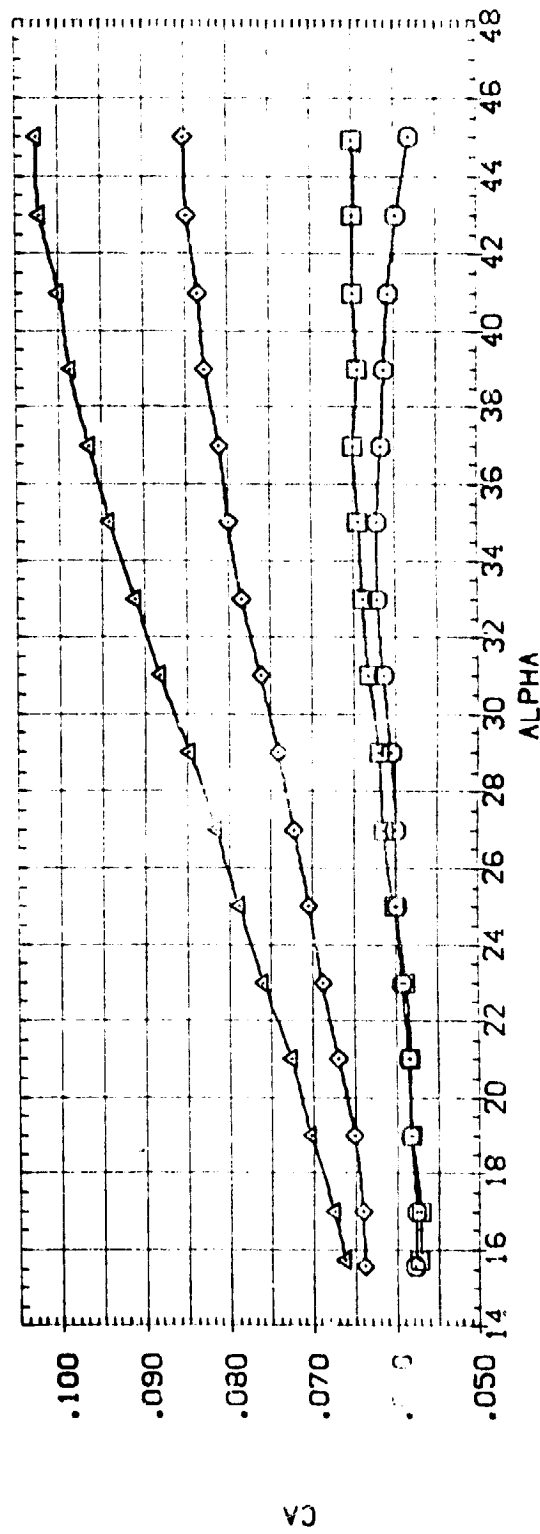
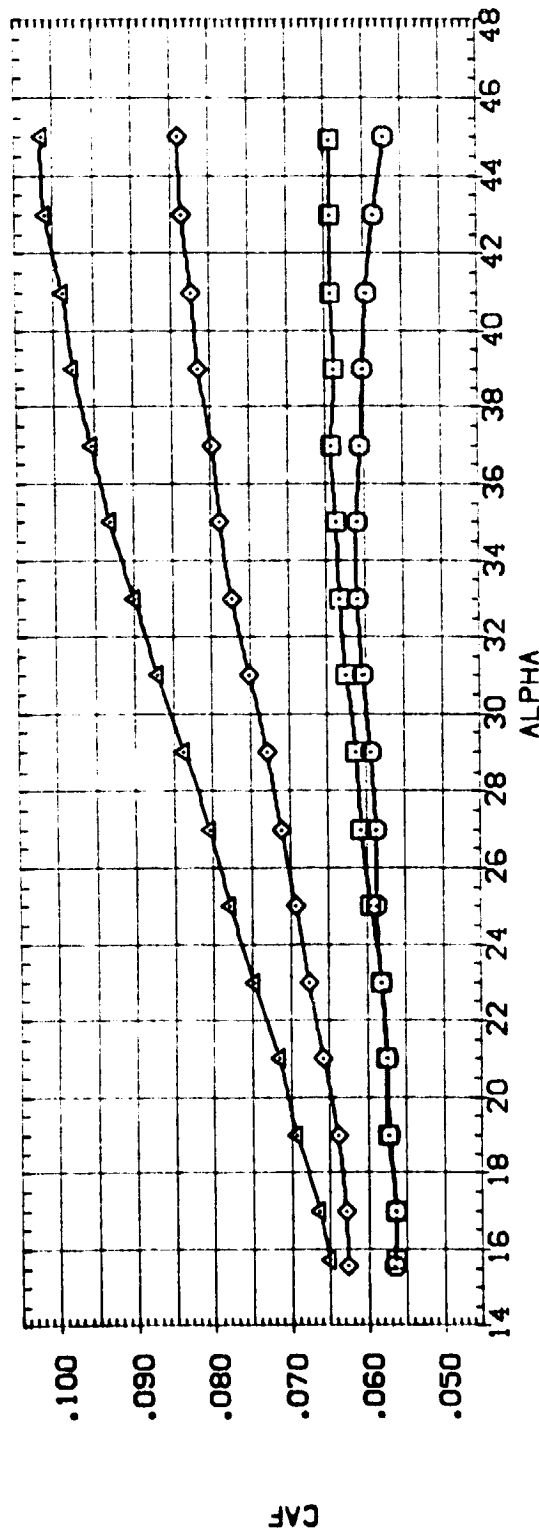


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATOR	BOFLAP	SPEED	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (V8R5)	.000	-11.700	55.000	.000	SREF 87.1560
[ATN024]	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220
[ATN025]	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520
[ATN026]	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (V8R5)	15.000	-11.700	55.000	.000	YMRP 12.6250
						ZMRP .0000
						SCALE .3750
						.0150

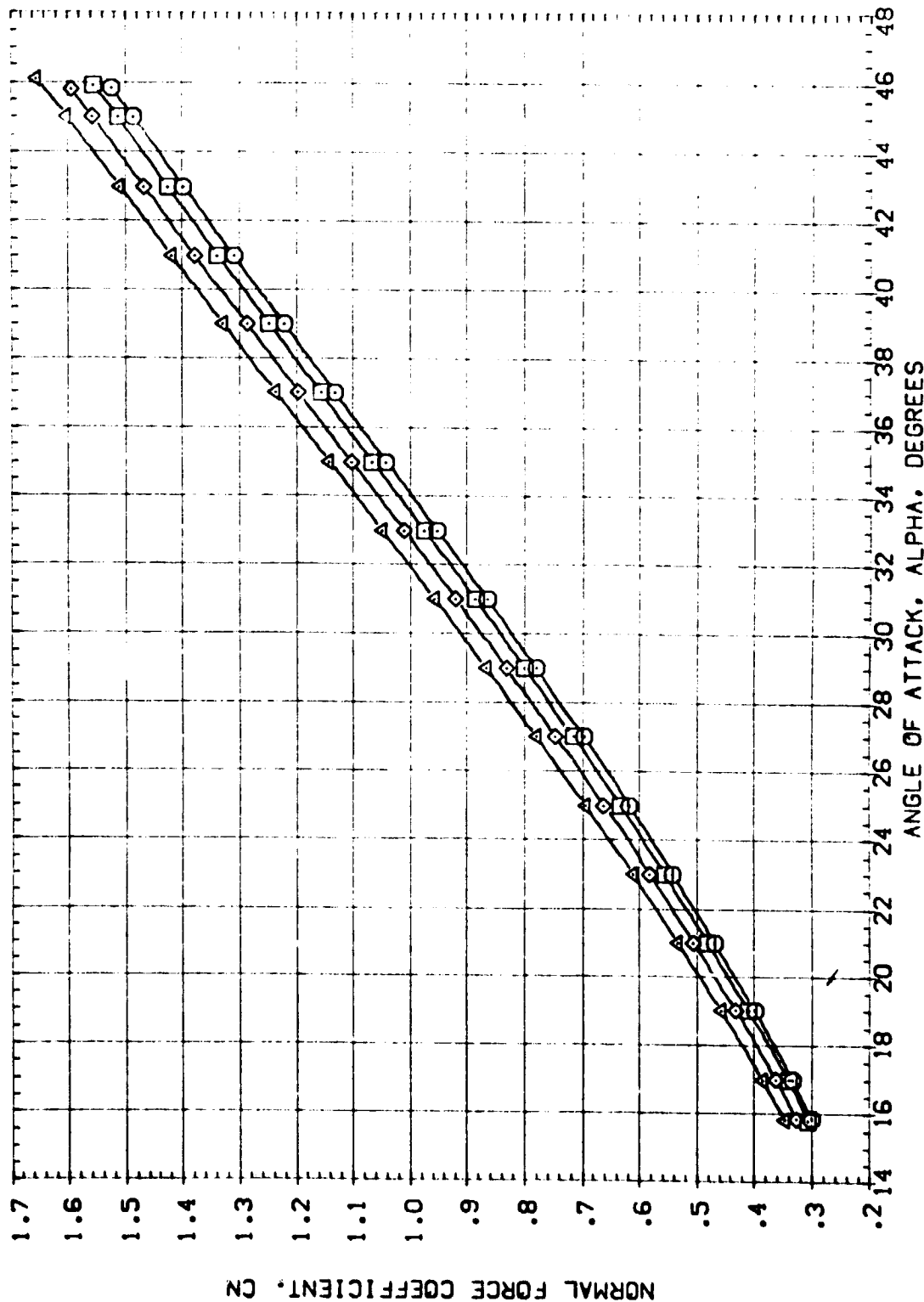


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

CAMACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BD/FLAP	SPODBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(0477/78) (B26C9-747) (V116E26)(VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SC.IN.
(ATN024)	AEDC VA474(0477/78) (B26C9-747) (V116E26)(VBR5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN075)	AEDC VA474(0477/78) (B26C9-747) (V116E26)(VBR5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN076)	AEDC VA474(0477/78) (B26C9-747) (V116E26)(VBR5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

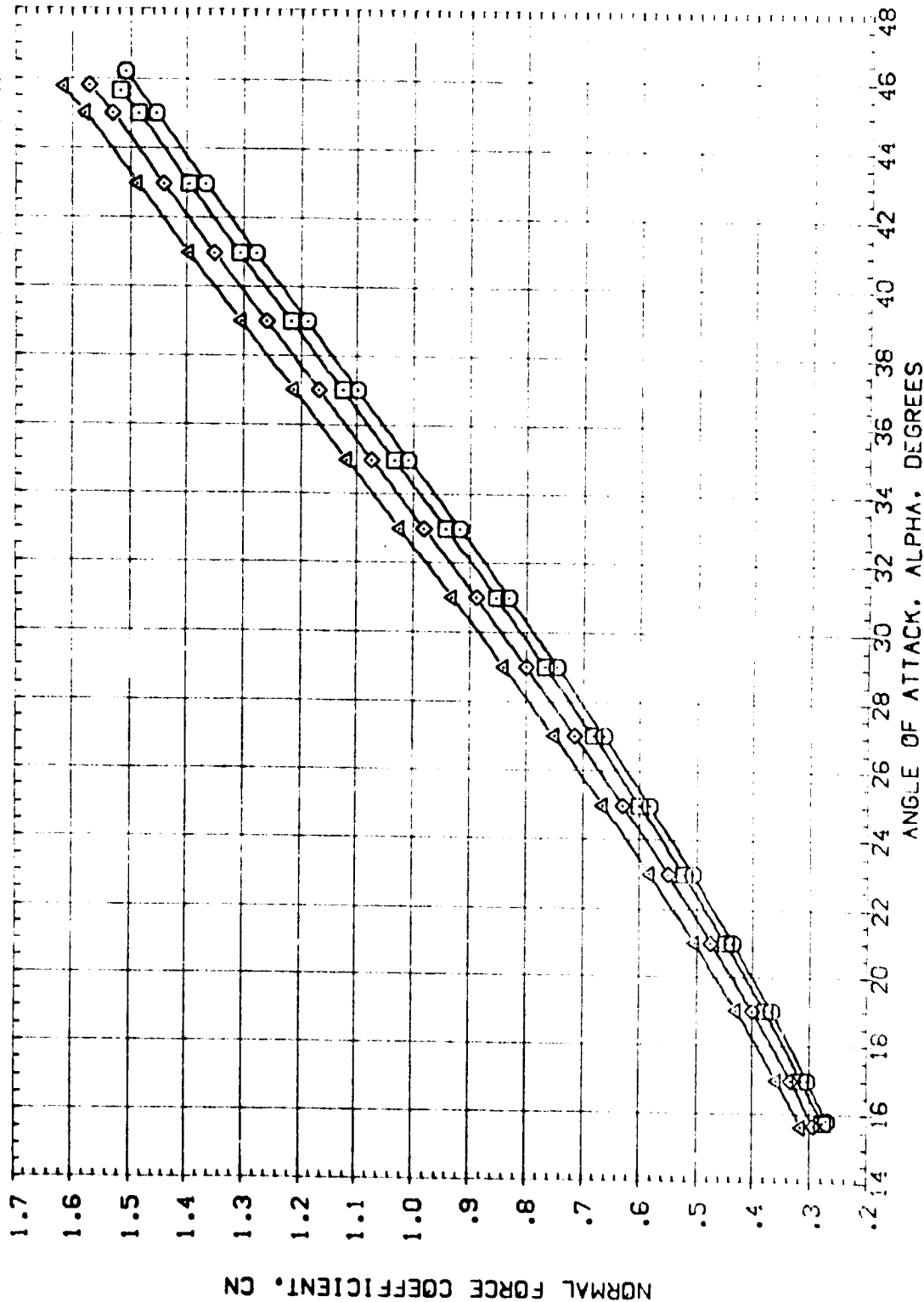


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(DA77/78) (B26C9-747)(V1)SE26(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 50.1N
[ATN024]	AEDC VA474(DA77/78) (B26C9-747)(V1)SE26(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 NCES
[ATN025]	AEDC VA474(DA77/78) (B26C9-747)(V1)SE26(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 NCES
[ATN026]	AEDC VA474(DA77/78) (B26C9-747)(V1)SE26(V8R5)	15.000	-11.700	55.000	.000	YMRP 12.6250 NCES
						ZMRP .0000 NCES
						SCALE .0150 NCES

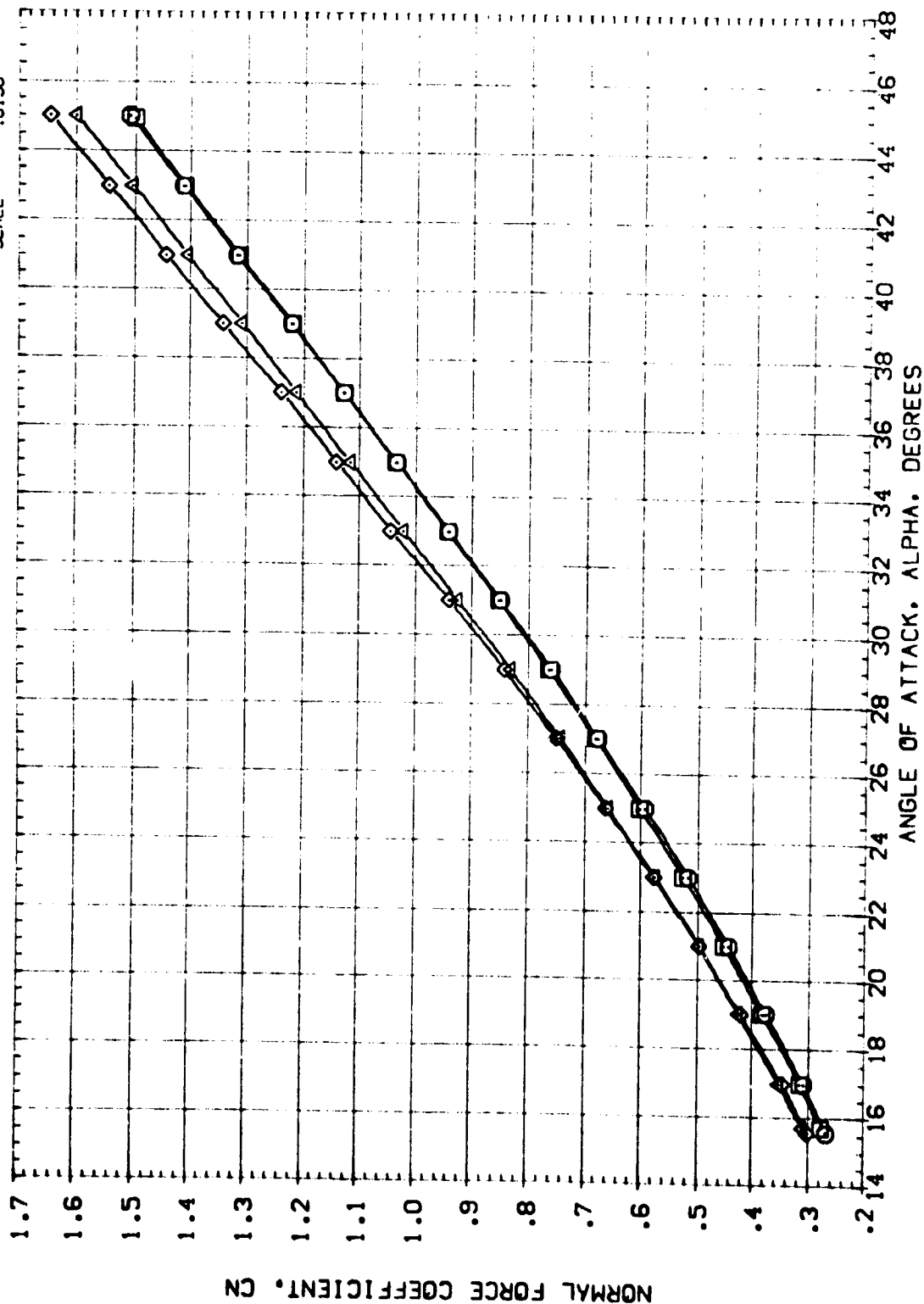


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
(ATNG11)	AEDC VA474(0A77/78) (B26C97M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATNG24)	AEDC VA474(0A77/78) (B26C97M7)(V116E26)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATNG25)	AEDC VA474(0A77/78) (B26C97M7)(V116E26)(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATNG26)	AEDC VA474(0A77/78) (B26C97M7)(V116E26)(V8R5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

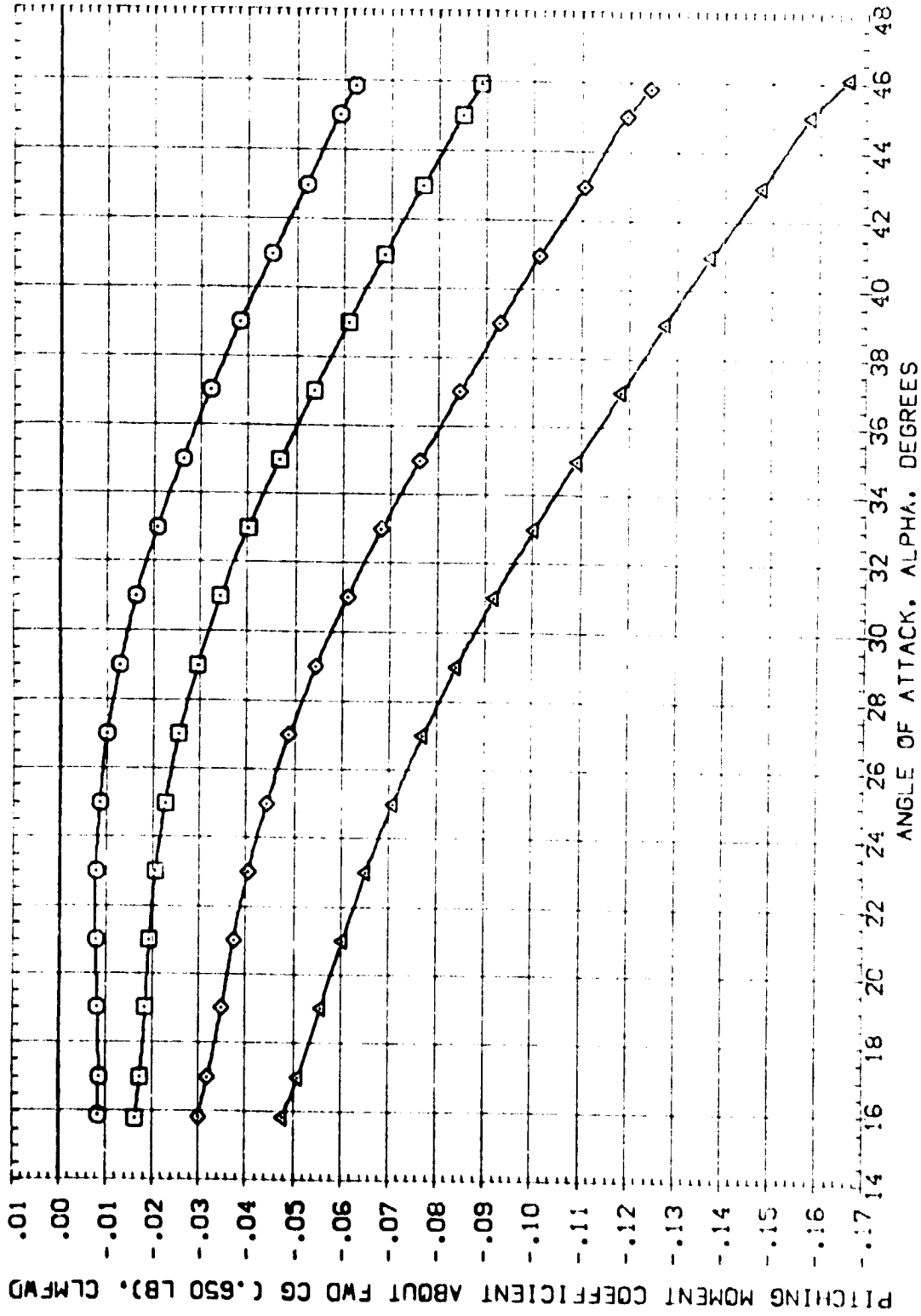


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATNG11]	AEDE V4174(G171/78) (B26C9F7M7)(V116E26)(V89S)	.000	-11.700	55.000	.000	SREF 87.1560
[ATNG24]	AEDE V4174(G171/78) (B26C9F7M7)(V116E26)(V89S)	5.000	-11.700	55.000	.000	LREF 7.1220
[ATNG25]	AEDE V4174(G171/78) (B26C9F7M7)(V116E26)(V89S)	10.000	-11.700	55.000	.000	BREF 14.0520
[ATNG26]	AEDE V4174(G171/78) (B26C9F7M7)(V116E26)(V89S)	15.000	-11.700	55.000	.000	XMRP 12.6250
						YMRP .0000
						ZMRP -.3750
						SCALE .0150

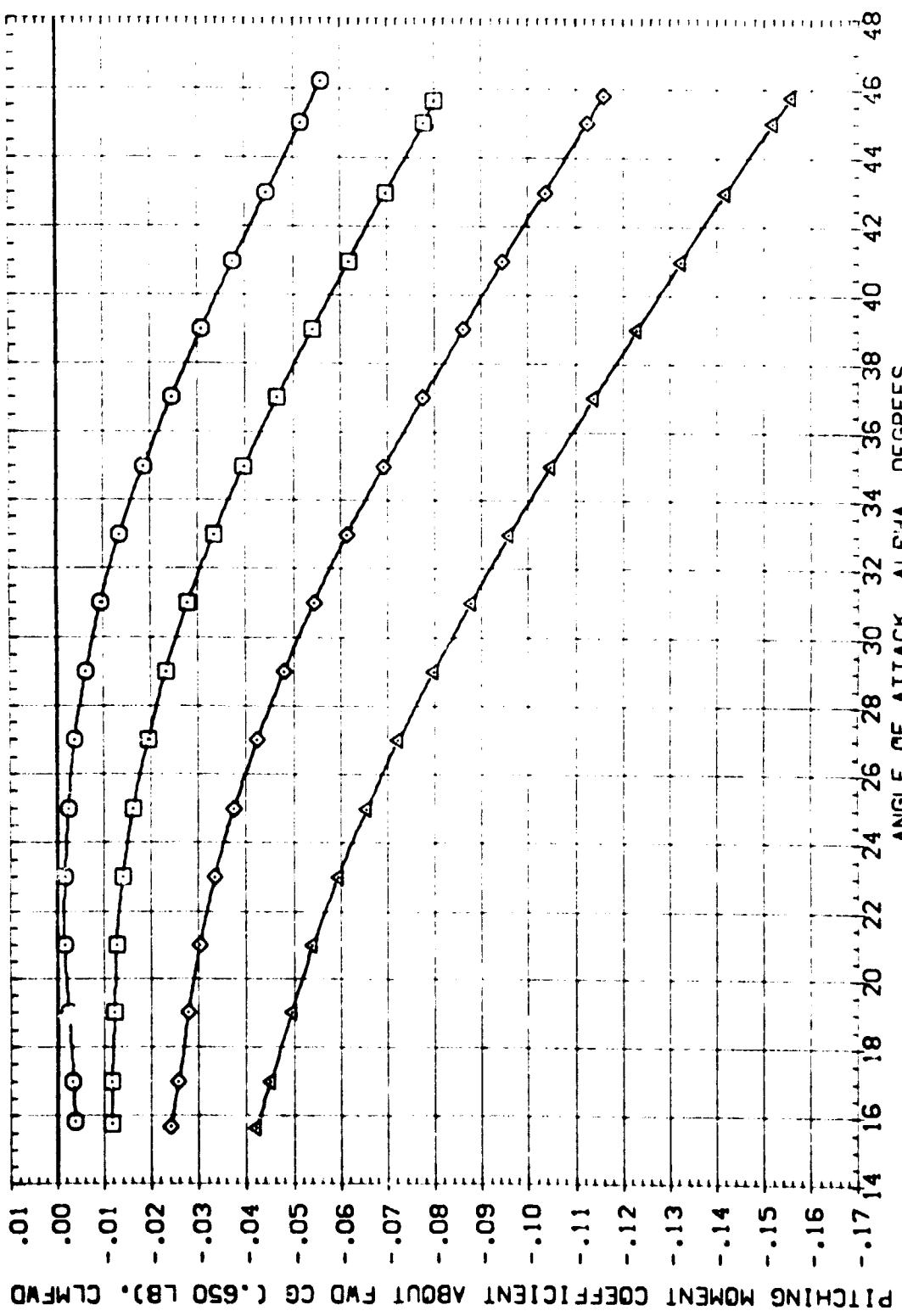


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(A14011)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SO. IN.
(A14024)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBR5)	5.000	-11.700	55.000	.000	LREF 7.1230 INCHES
(A14025)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBR5)	10.000	-11.700	55.000	.000	EREF 14.0520 INCHES
(A14026)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBR5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

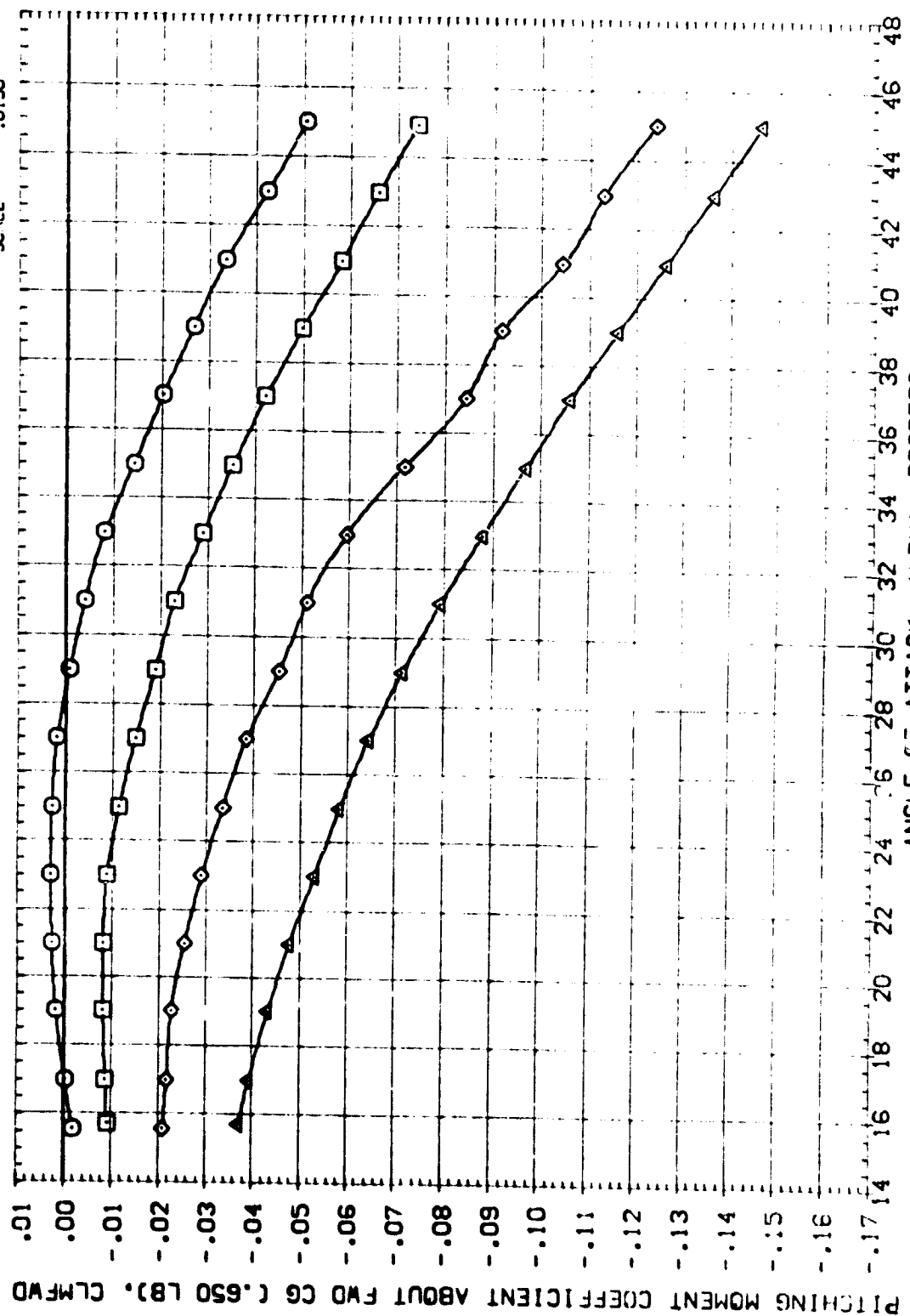


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
(A)NO11)	AEDC VA474(OA77/78) (B26C977/78) (V11E26) (V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(A)NO24)	AEDC VA474(OA77/78) (B26C977/78) (V11E26) (V8R5)	5.000	-11.700	55.000	.000	LREF 7.1270 INCHES
(A)NO25)	AEDC VA474(OA77/78) (B26C977/78) (V11E26) (V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(A)NO26)	AEDC VA474(OA77/78) (B26C977/78) (V11E26) (V8R5)	15.000	-11.700	55.000	.000	XREF 12.6250 INCHES
						YREF 0.000 INCHES
						ZREF -3.750 INCHES
						SCALE 0.150

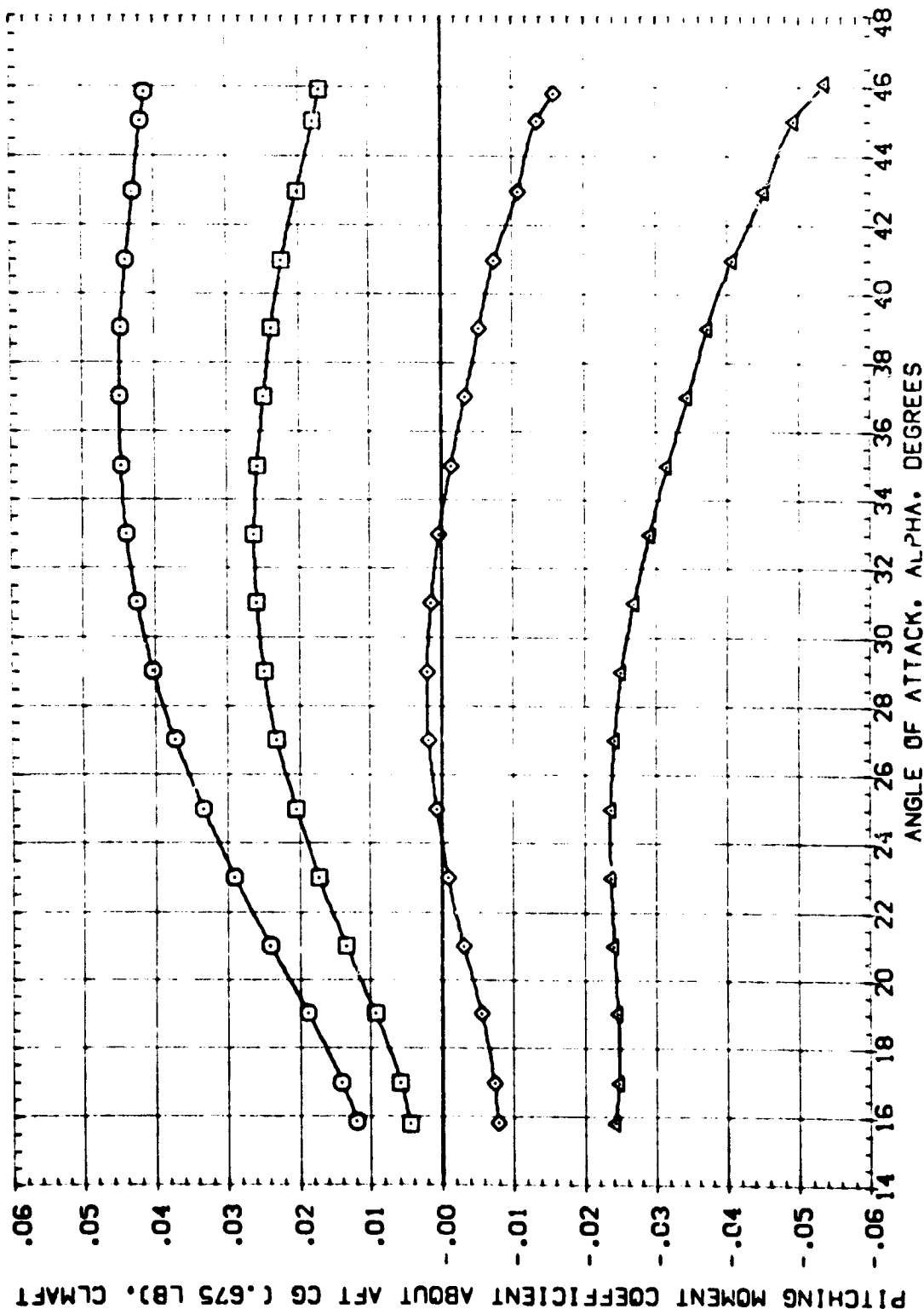


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
{ATN011}	AEDC VA474(0A77/78) (B26C97H7) (V11SE26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 50. IN.
{ATN024}	AEDC VA474(0A77/78) (B26C97H7) (V11SE26)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
{ATN025}	AEDC VA474(0A77/78) (B26C97H7) (V11SE26)(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0570 INCHES
{ATN026}	AEDC VA474(0A77/78) (B26C97H7) (V11SE26)(V8R5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

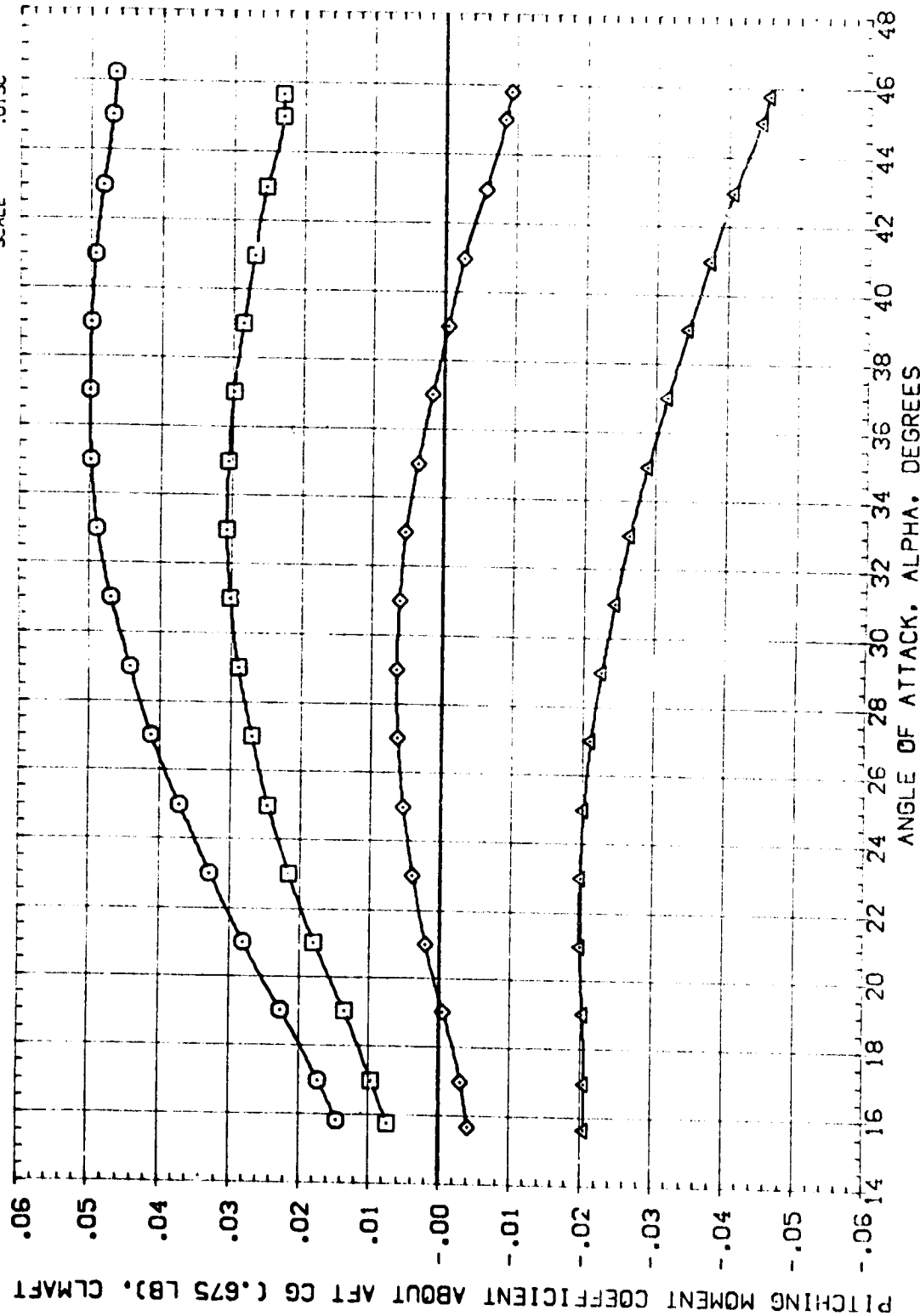


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPODBRK	RUDDER	REFERENCE INFORMATION	SO. IN.
[ATN011]	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8K5)	.000	-11.700	55.000	.000	SREF	87.1560
[ATN024]	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8K5)	5.000	-11.700	55.000	.000	LREF	7.1220
[ATN025]	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8K5)	10.000	-11.700	55.000	.000	BREF	14.0520
[ATN026]	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8K5)	15.000	-11.700	55.000	.000	XMRP	12.6250
						YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

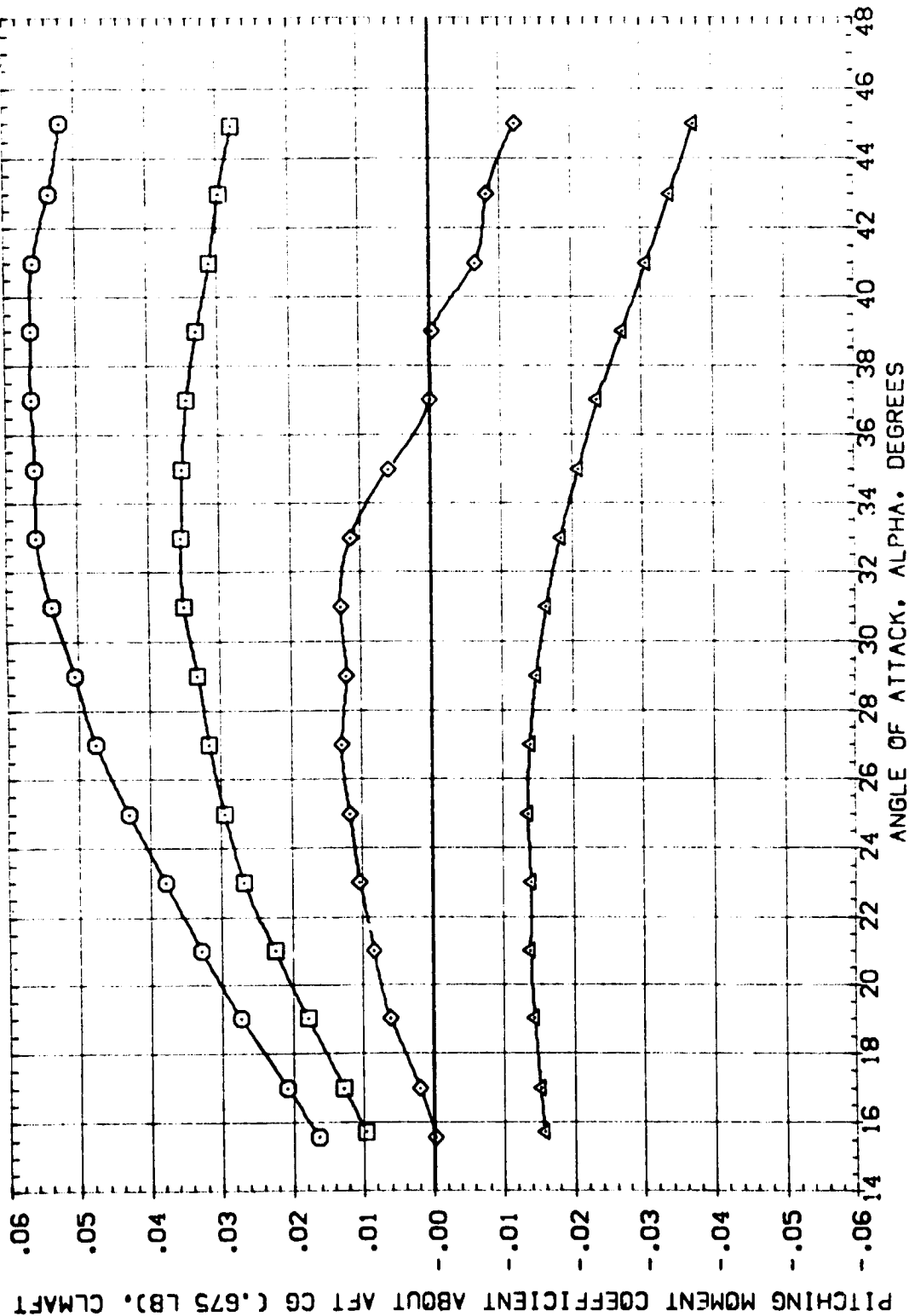


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC V4174(0A77/78) (B26C9F7M7)(V115E26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1550 SQ. IN.
(ATN024)	AEDC V4174(0A77/78) (B26C9F7M7)(V115E26)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN025)	AEDC V4174(0A77/78) (B26C9F7M7)(V115E26)(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN026)	AEDC V4174(0A77/78) (B26C9F7M7)(V115E26)(V8R5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

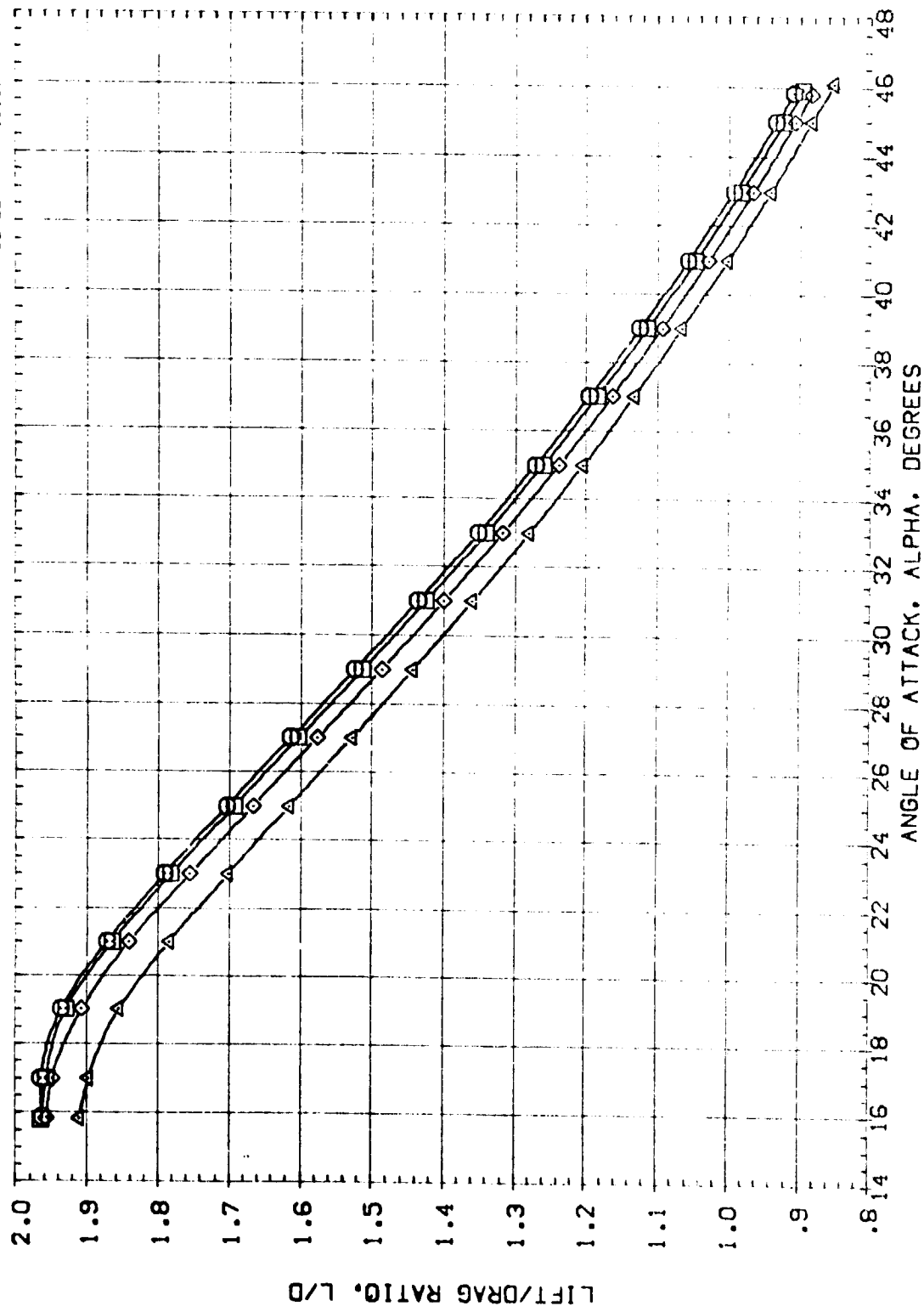


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATNG11)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATNG24)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATNG25)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATNG26)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)	15.000	-11.700	55.000	.000	XREF 12.6250 INCHES
						7MPP .0000 INCHES
						7MPP -5.750 INCHES
						SCALE 10.50

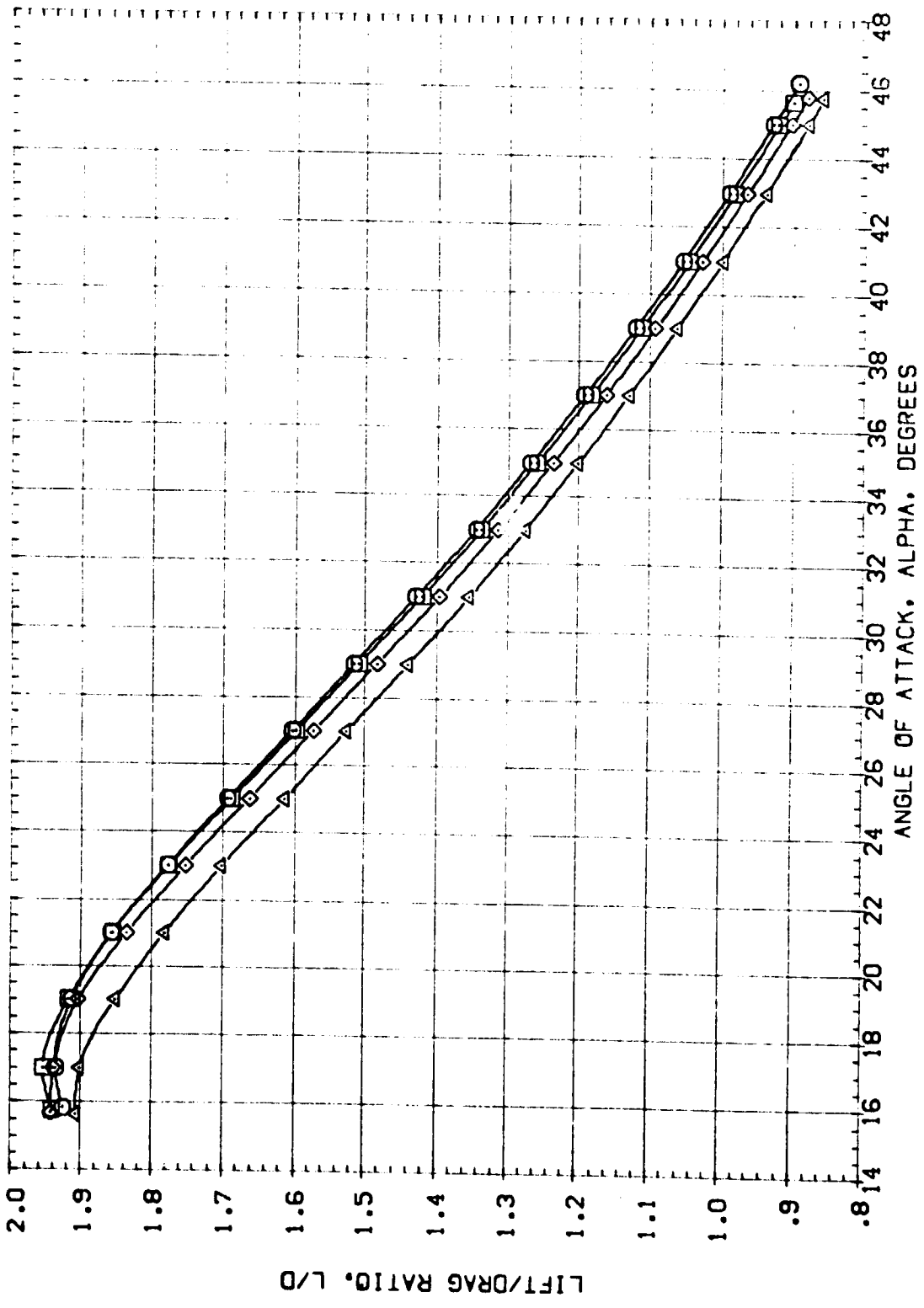


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
 (B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	.000	-11.700	55.000	.000	SREF 87.1560 INCHES
[ATN024]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN025]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN026]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES
						SCALE .0150

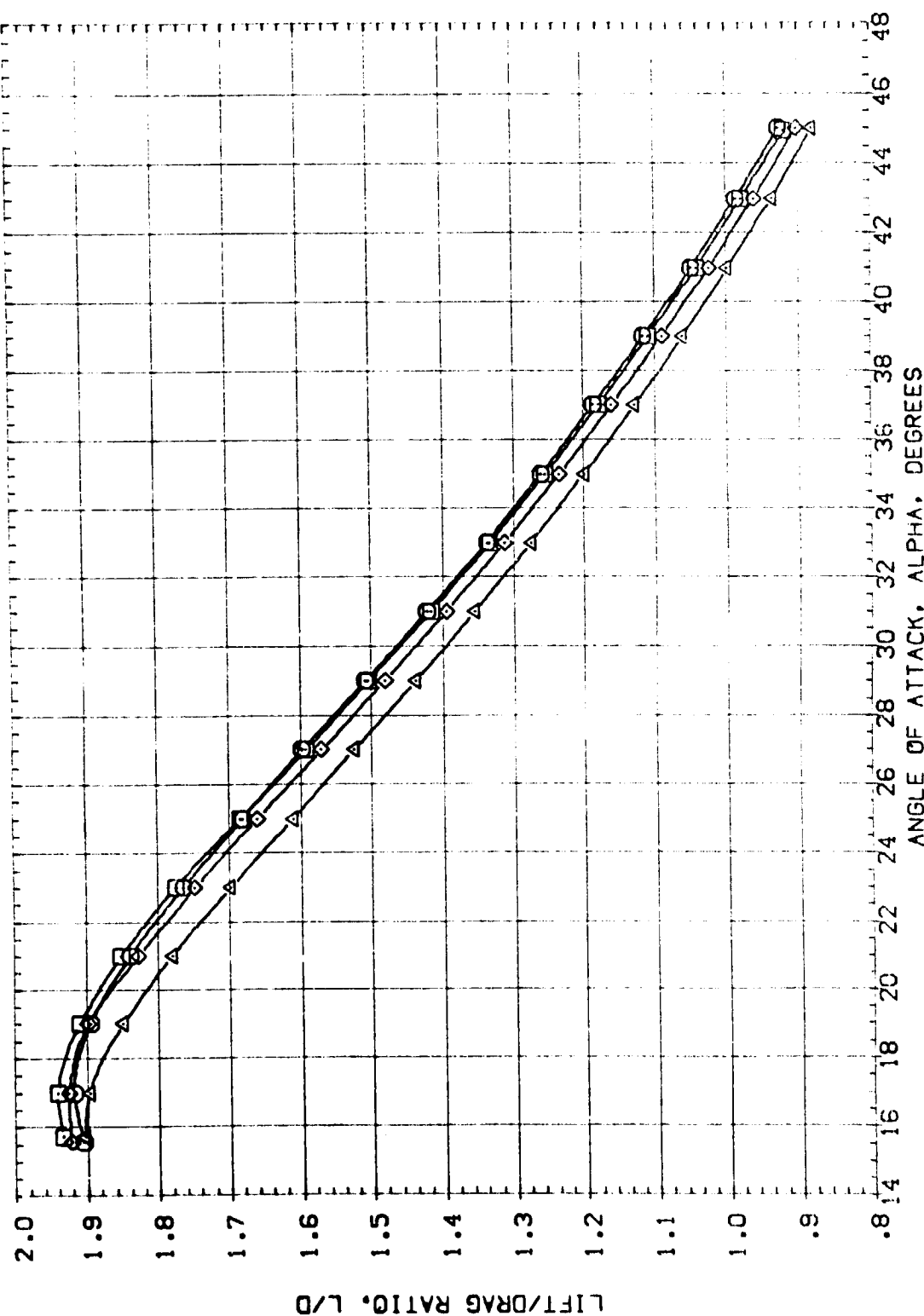


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 SO IN.
(ATN024)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN025)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN026)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8R5)	15.000	-11.700	55.000	.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

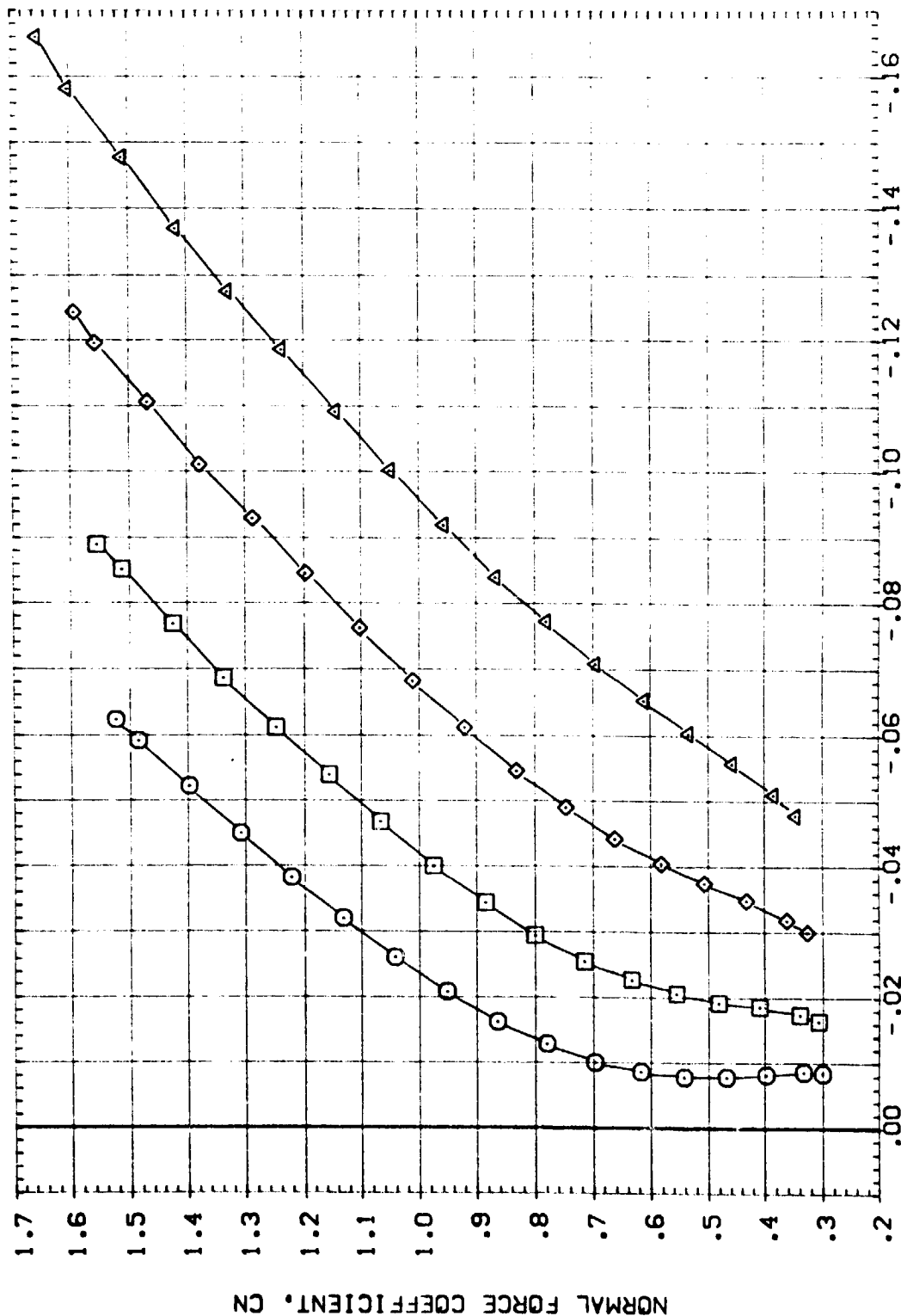


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[A]NO111	AEDC VA474(0A77/78) (B26C9F7M7)(V)15E261(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 50.1N
[A]NO24	AEDC VA474(0A77/78) (B26C9F7M7)(V)15E261(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[A]NO25	AEDC VA474(0A77/78) (B26C9F7M7)(V)15E261(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[A]NO26	AEDC VA474(0A77/78) (B26C9F7M7)(V)15E261(V8R5)	15.000	-11.700	55.000	.000	XMRP 2.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

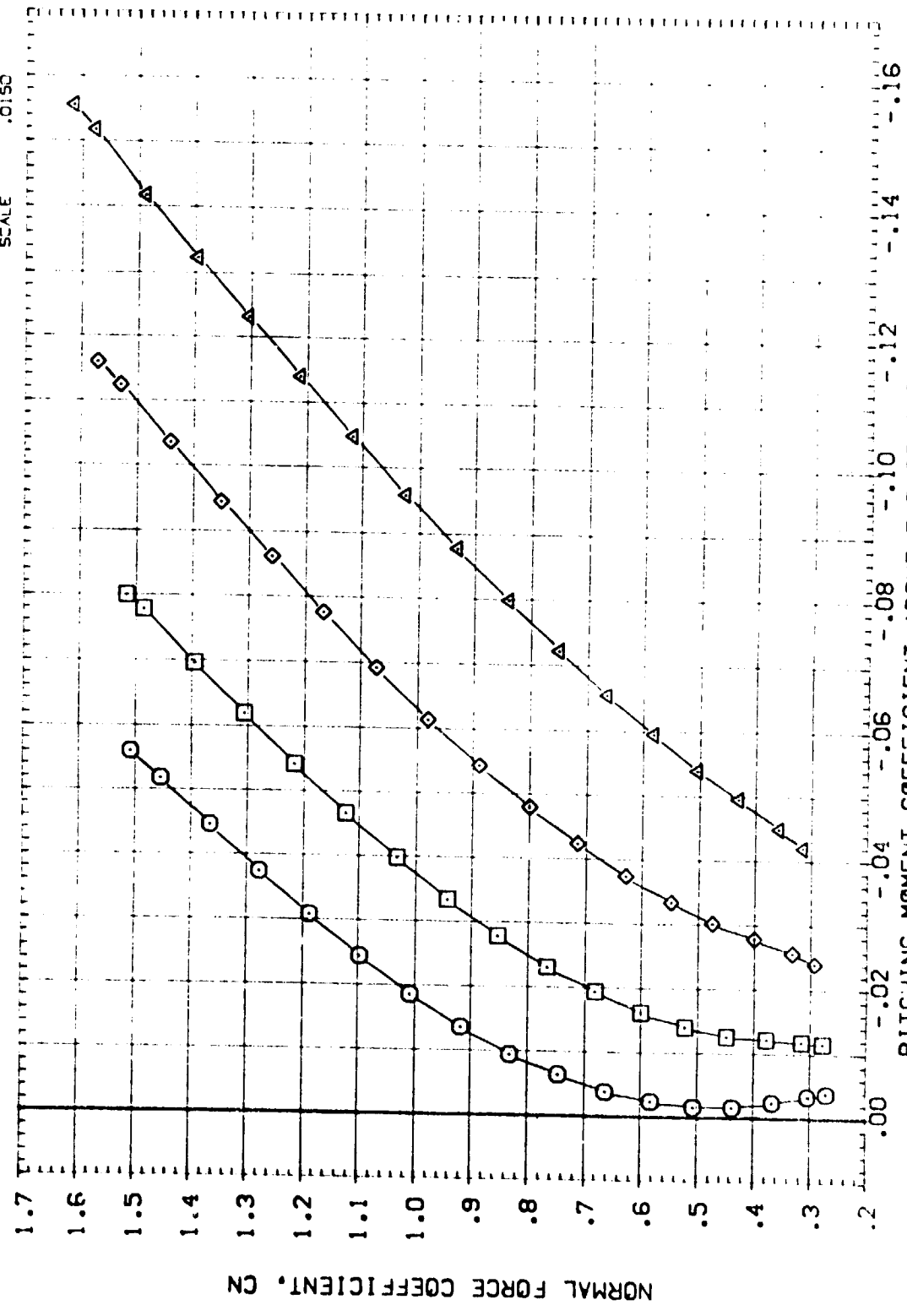
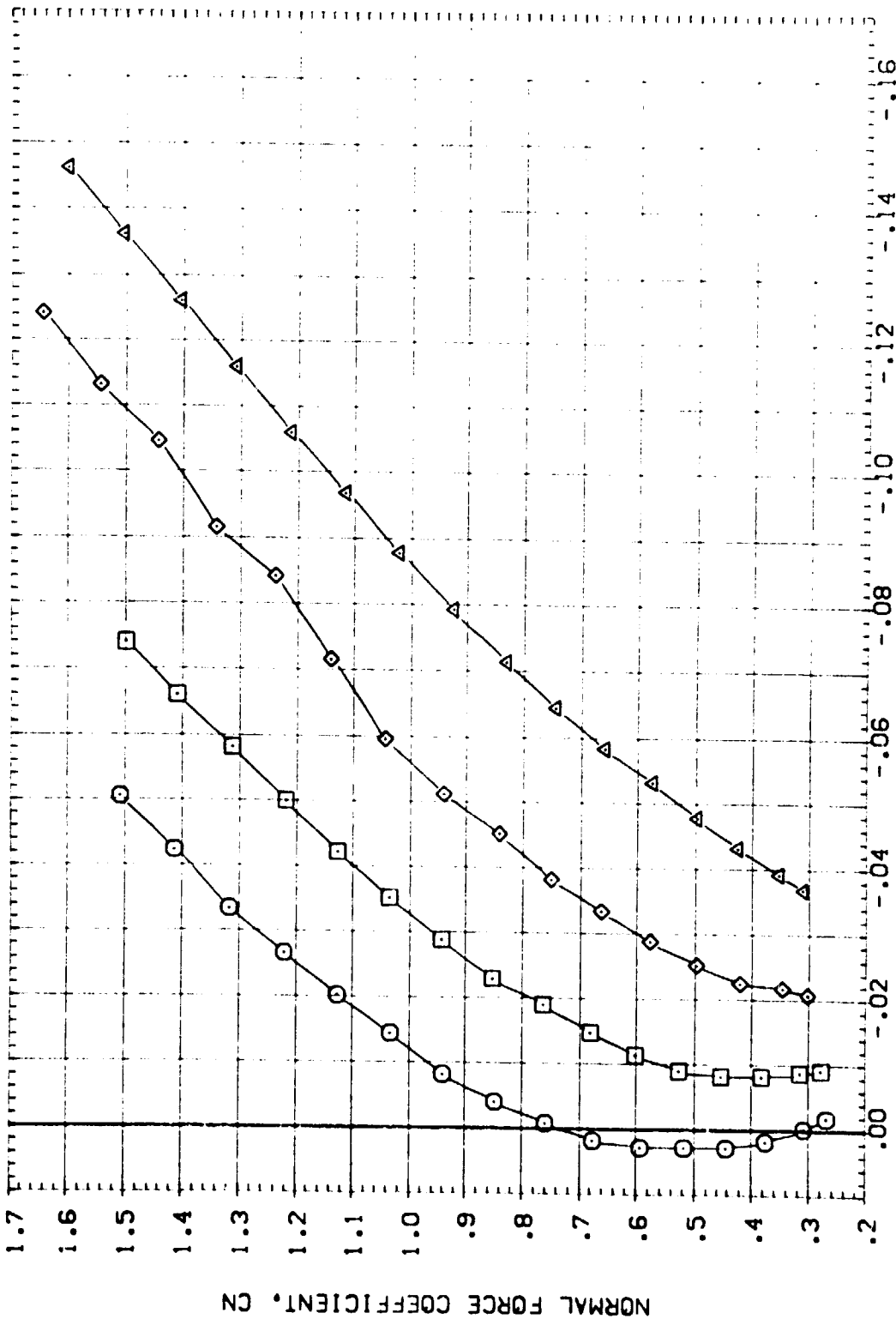


FIG 06 EFFECT OF ELEVATOR DEFLECTION. BODY FLAP= -11.7 DEG.
 CLMFWD
 PITCHING MOMENT COEFFICIENT ABOUT FWD CG (-0.650 LB). CLMFWD
 (B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	-11.700	55.000	.000	SREF 87.1560 SO. IN.
(ATN024)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN025)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN026)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFWD

FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	.000	-11.700	55.000	.000	SREF 87.1560 50.1N
(ATN024)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN025)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN026)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

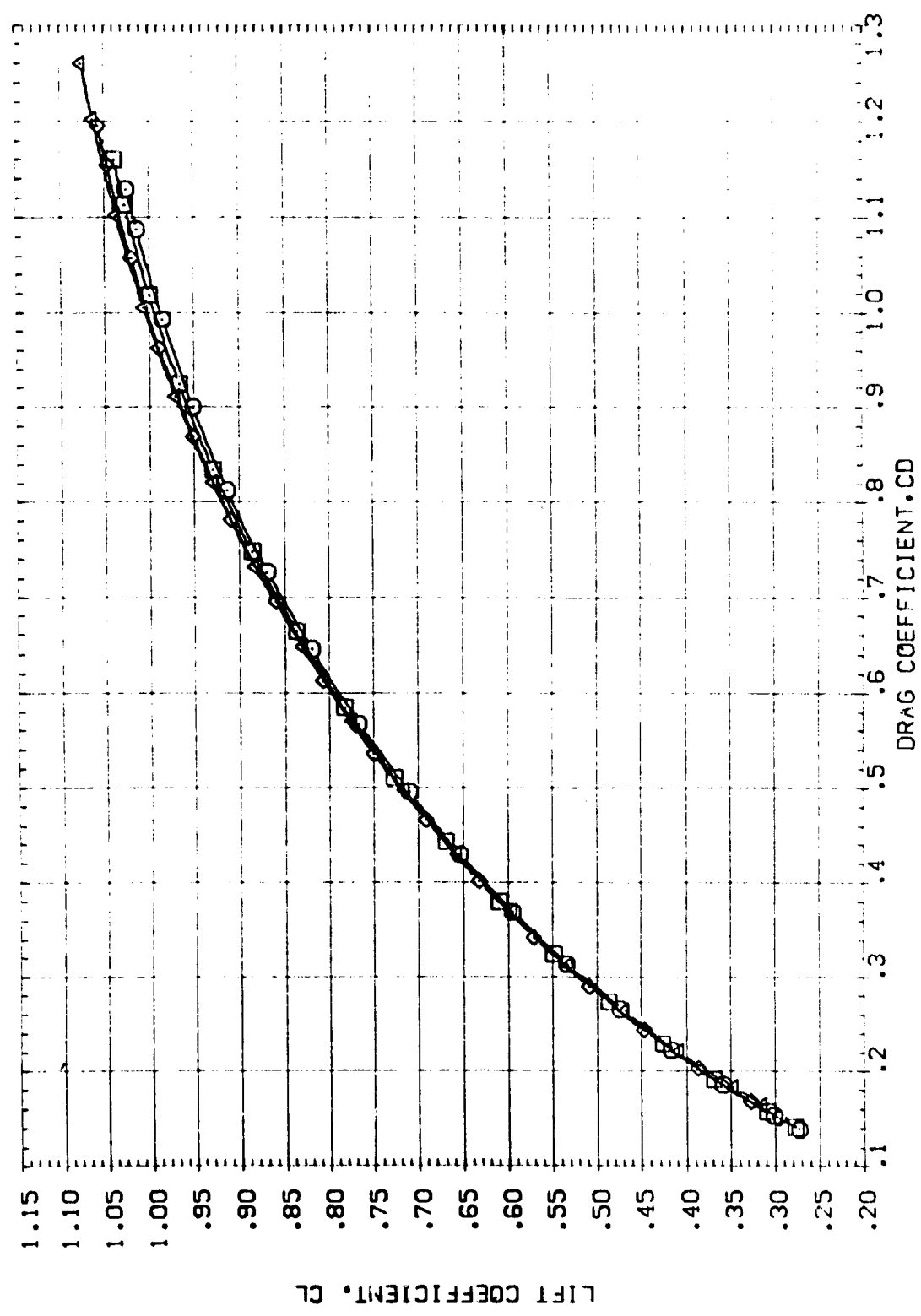


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONF	DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC	VA474(OA77/78) (B26C9-7M7) (V116E26)(VBRS)	.000	-11.700	55.000	.000	SREF 87.1560 50.1 IN.
[ATN024]	AEDC	VA474(OA77/78) (B26C9-7M7) (V116E26)(VBRS)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN075]	AEDC	VA474(OA77/78) (B26C9-7M7) (V116E26)(VBRS)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN026]	AEDC	VA474(OA77/78) (B26C9-7M7) (V116E26)(VBRS)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
							YMRP -0.3750 INCHES
							SCALE .0150

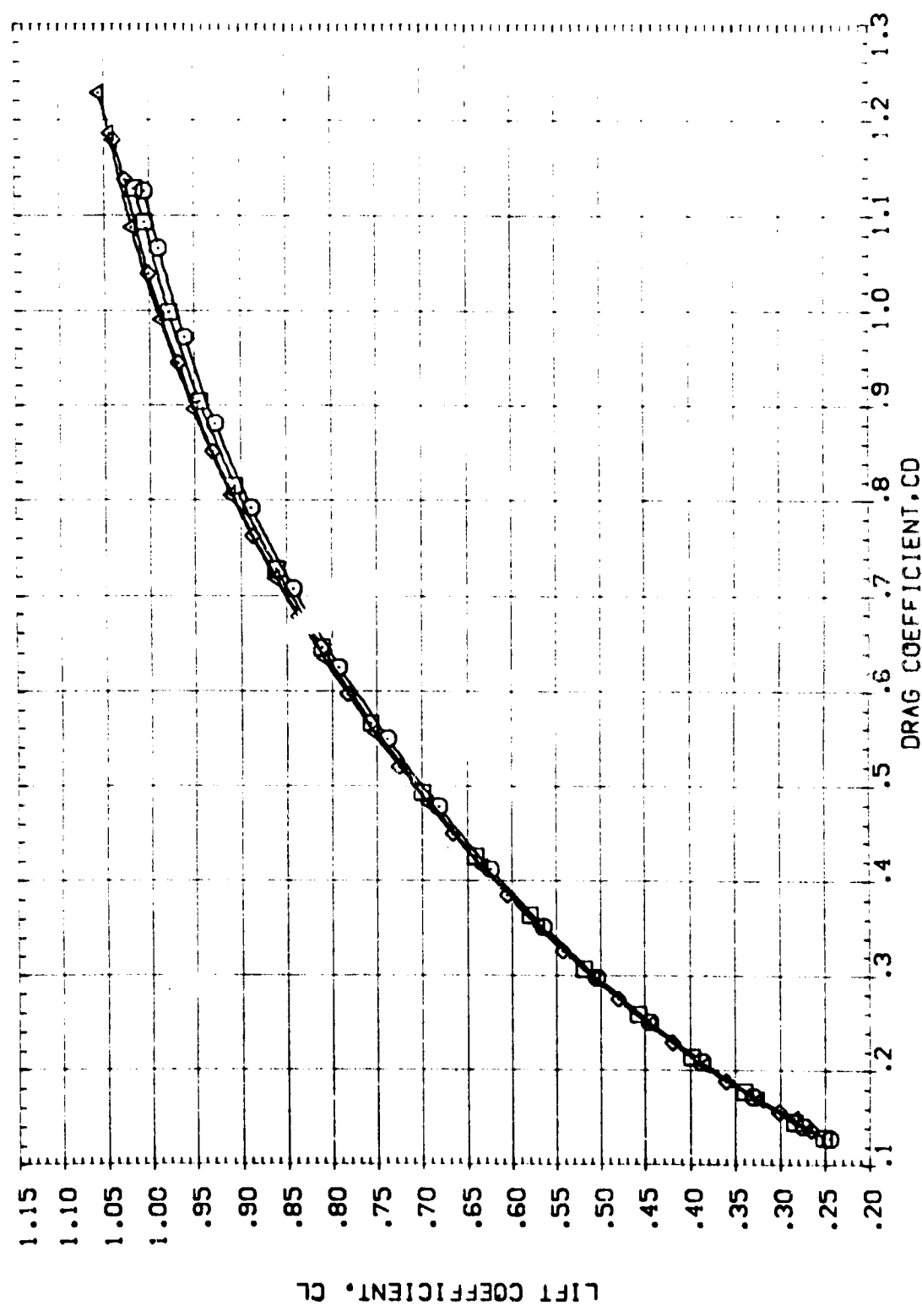


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
(B)MACH = 8.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATNG11]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 SC.IN.
[ATNG24]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATNG25]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATNG26]	AEDC VA474(0A77/78) (B26C9-7M7)(V116E26)(V8R5)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

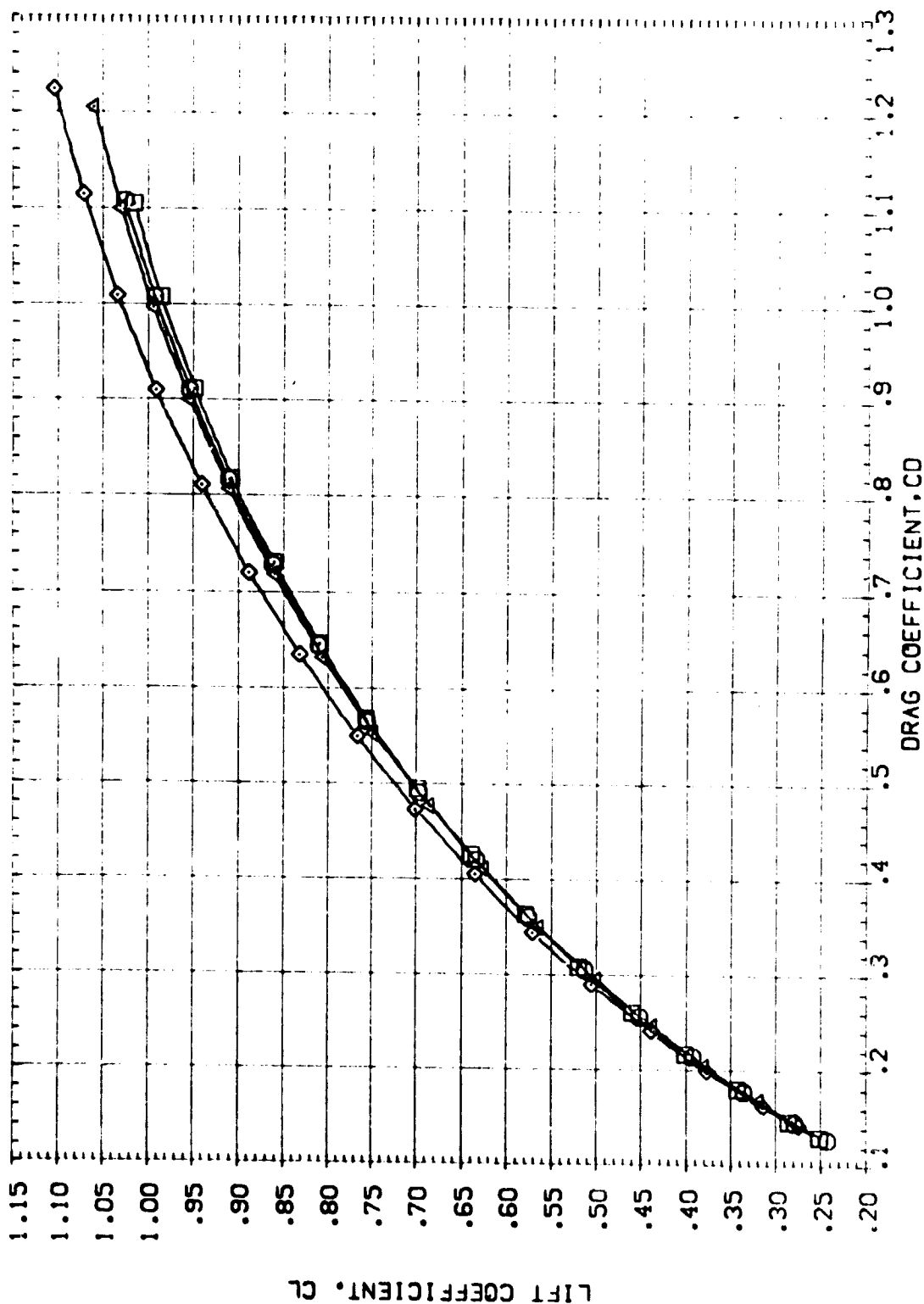


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.09

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	SREF	LREF	BREF	XMRP	YMRP	ZMRP	SCALE	SO, IN.	INC, IN.	INC, IN.	INC, IN.	INC, IN.
(A)Q111	AEDC VA474(0A77/78) (B26C3F7H7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	87.1560											
(A)Q24	AEDC VA474(0A77/78) (B26C3F7H7)(V116E26)(V8R5)	5.000	-11.700	55.000	.000	7.1220											
(A)Q25	AEDC VA474(0A77/78) (B26C3F7H7)(V116E26)(V8R5)	10.000	-11.700	55.000	.000	14.0520											
(A)Q26	AEDC VA474(0A77/78) (B26C3F7H7)(V116E26)(V8R5)	15.000	-11.700	55.000	.000	12.6250											

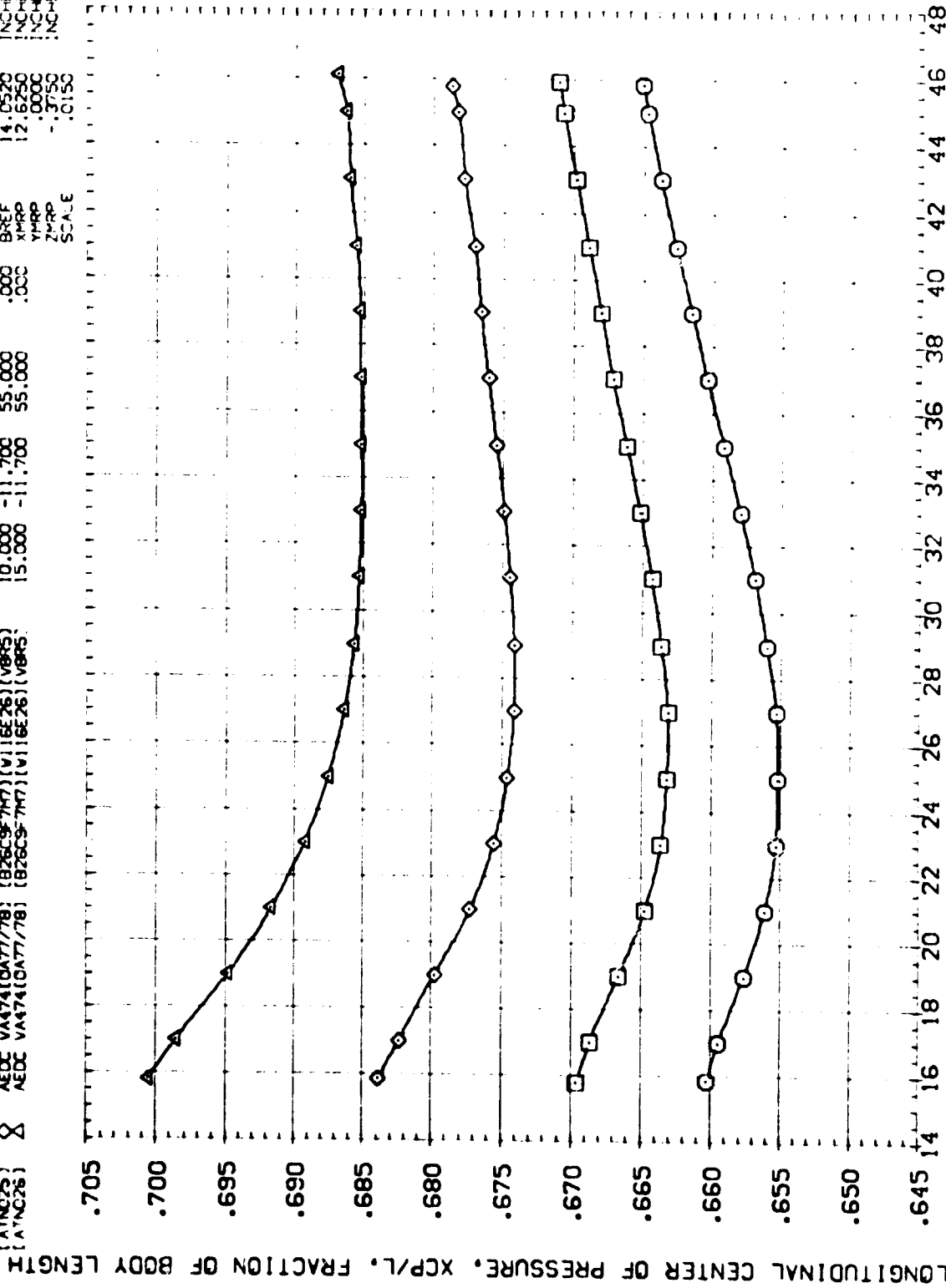


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(A)N011)	AEDC VA474(0A77/78) (B26C5777)(V11SE26)(V8R5)	.000	-11.700	55.000	.000	SREF 87.1560
(A)N024)	AEDC VA474(0A77/78) (B26C5777)(V11SE26)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220
(A)N025)	AEDC VA474(0A77/78) (B26C5777)(V11SE26)(V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520
(A)N026)	AEDC VA474(0A77/78) (B26C5777)(V11SE26)(V8R5)	15.000	-11.700	55.000	.000	XMRP 12.6250
						YMRP .0000
						ZMRP -.3750
						SCALE .0150

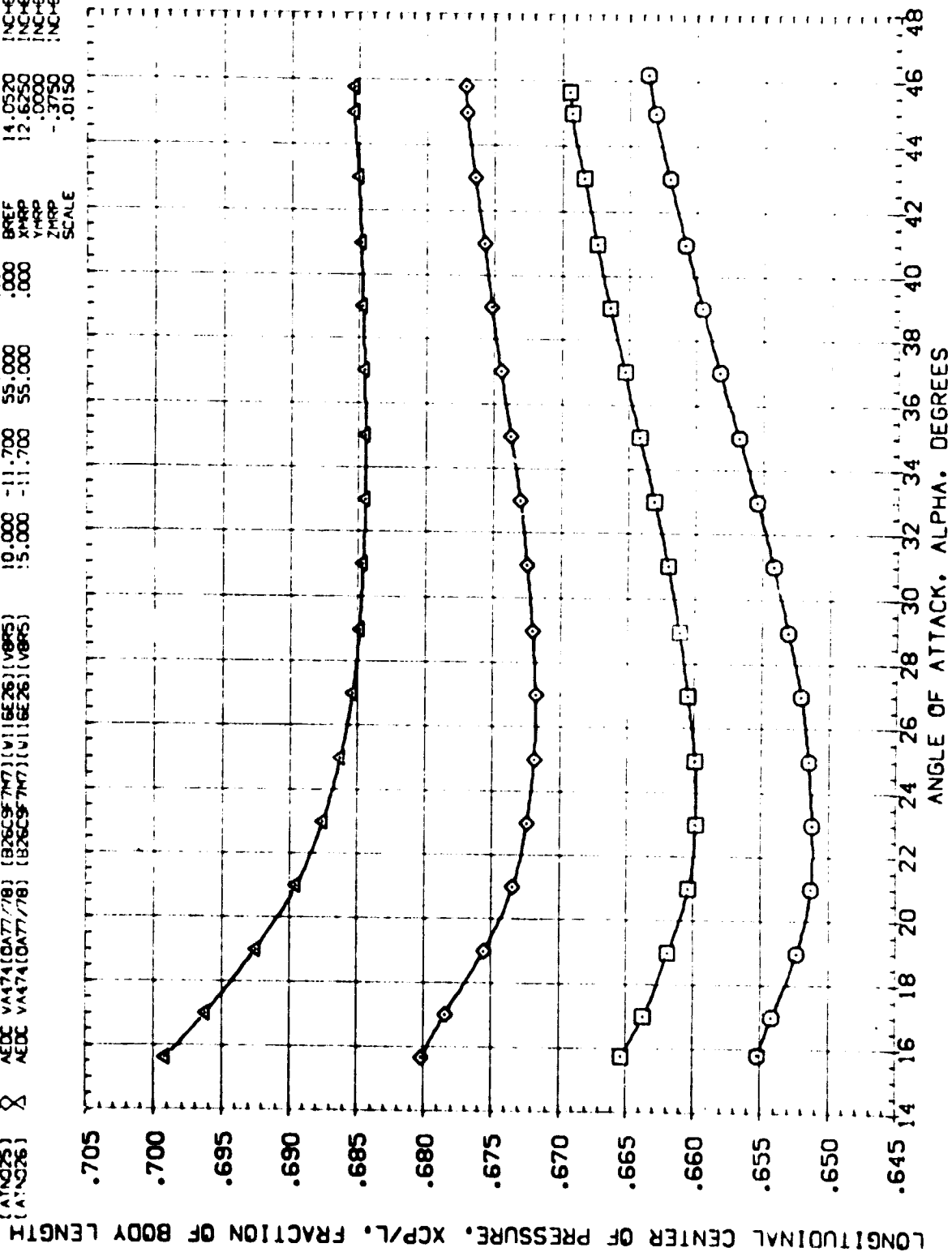


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(8)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVATOR BODY LAP SPEED RUDDER REFERENCE INFORMATION

Symbol	Configuration Description	Elev	Body Lap	Speed	Rudder	Ref Info
(ATN011)	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26) (V8R5)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN024)	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26) (V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN025)	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26) (V8R5)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN026)	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26) (V8R5)	15.000	-11.700	55.000	.000	XREF 12.8250 INCHES
						YREF .0000 INCHES
						ZREF -1.3750 INCHES
						SCALE 10.50

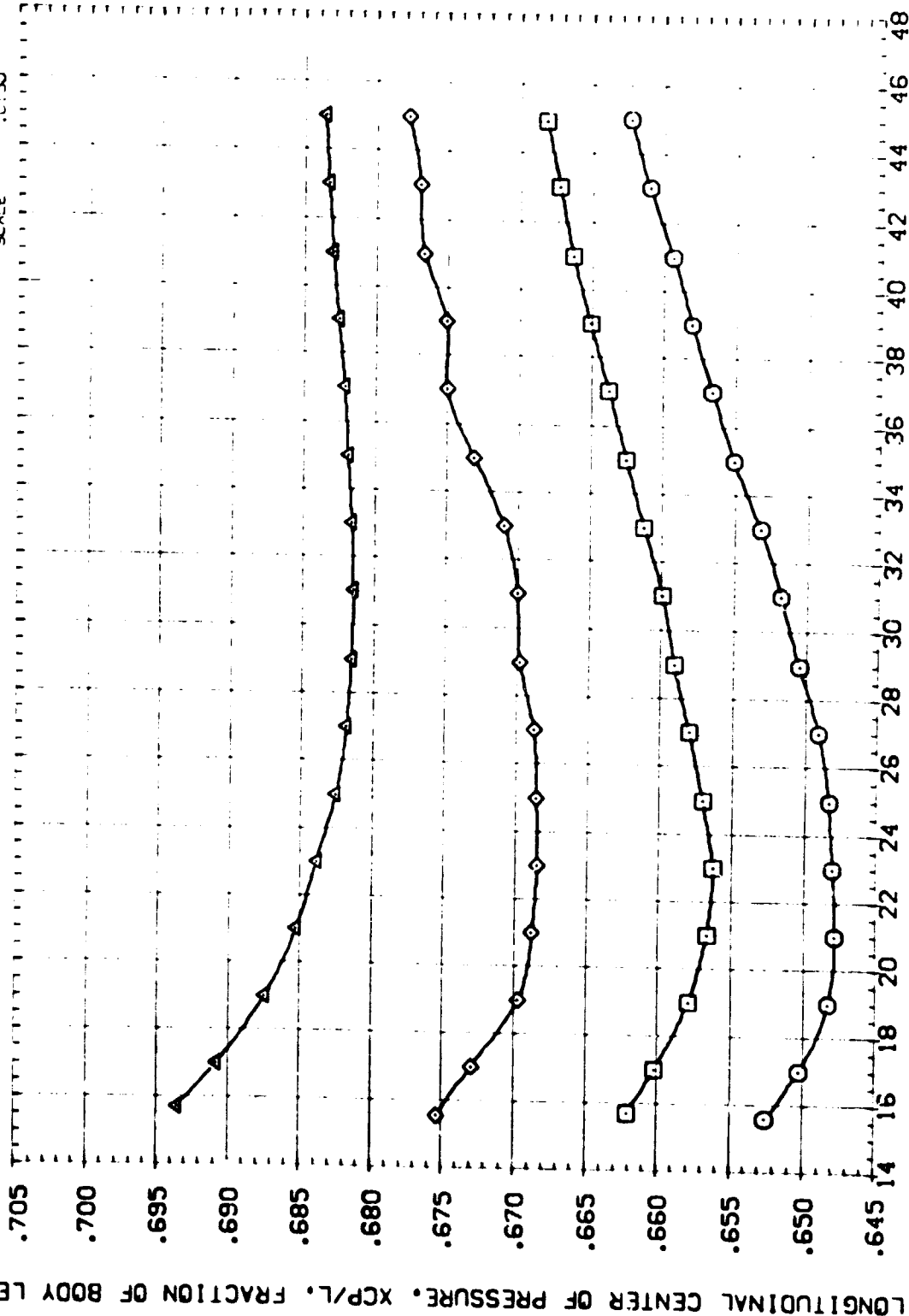
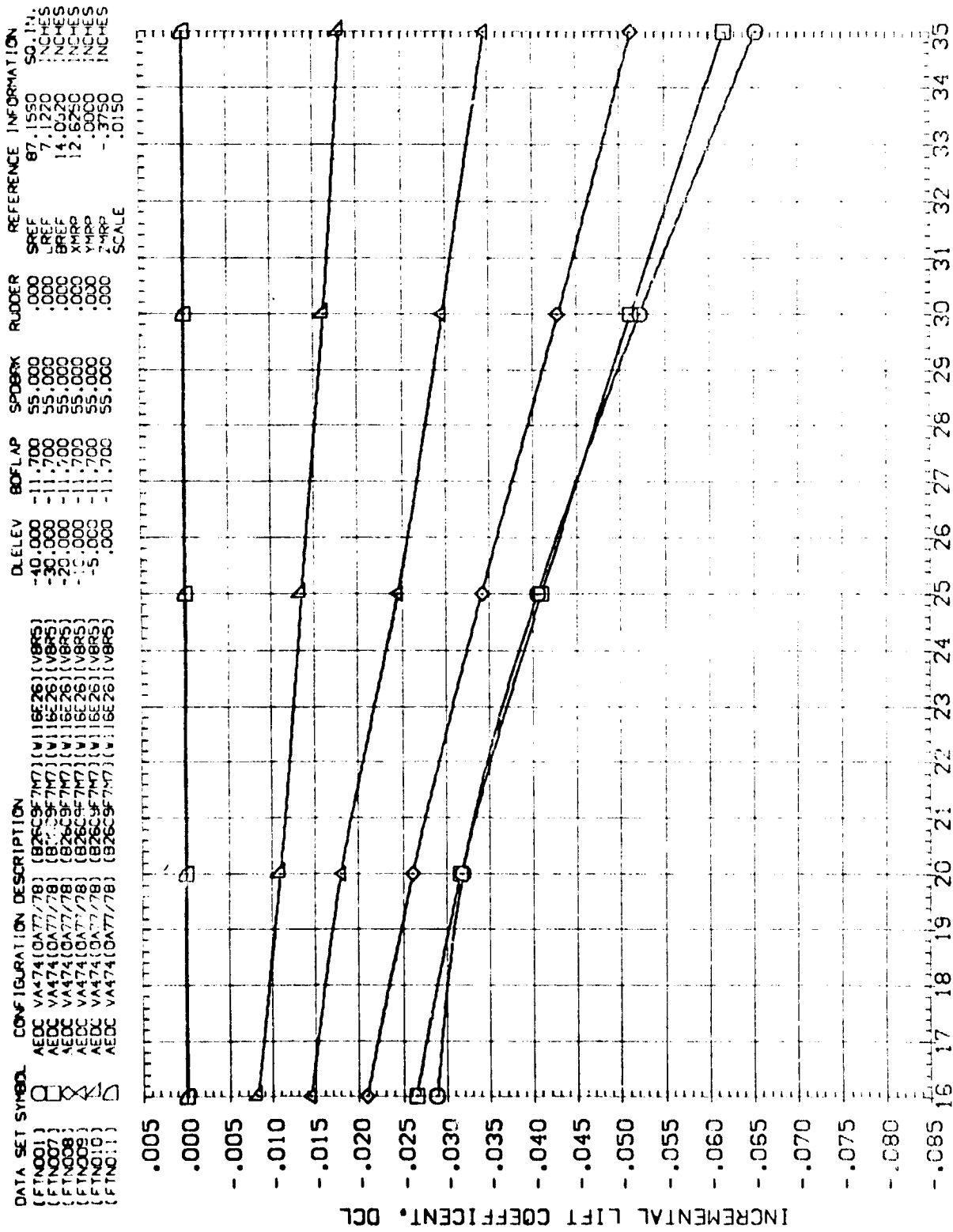


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(C)MACH = 10.09



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLEEV	SDFLAP	SPDRK	RUDDER	REFERENCE INFORMATION
(FTN001)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTN007)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FTN008)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTN009)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-10.000	-11.700	55.000	.000	XREF 12.6250 INCHES
(FTN010)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	-11.700	55.000	.000	YREF 10.000 INCHES
(FTN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	-11.700	55.000	.000	ZREF 13.750 INCHES
						SCALE .0150

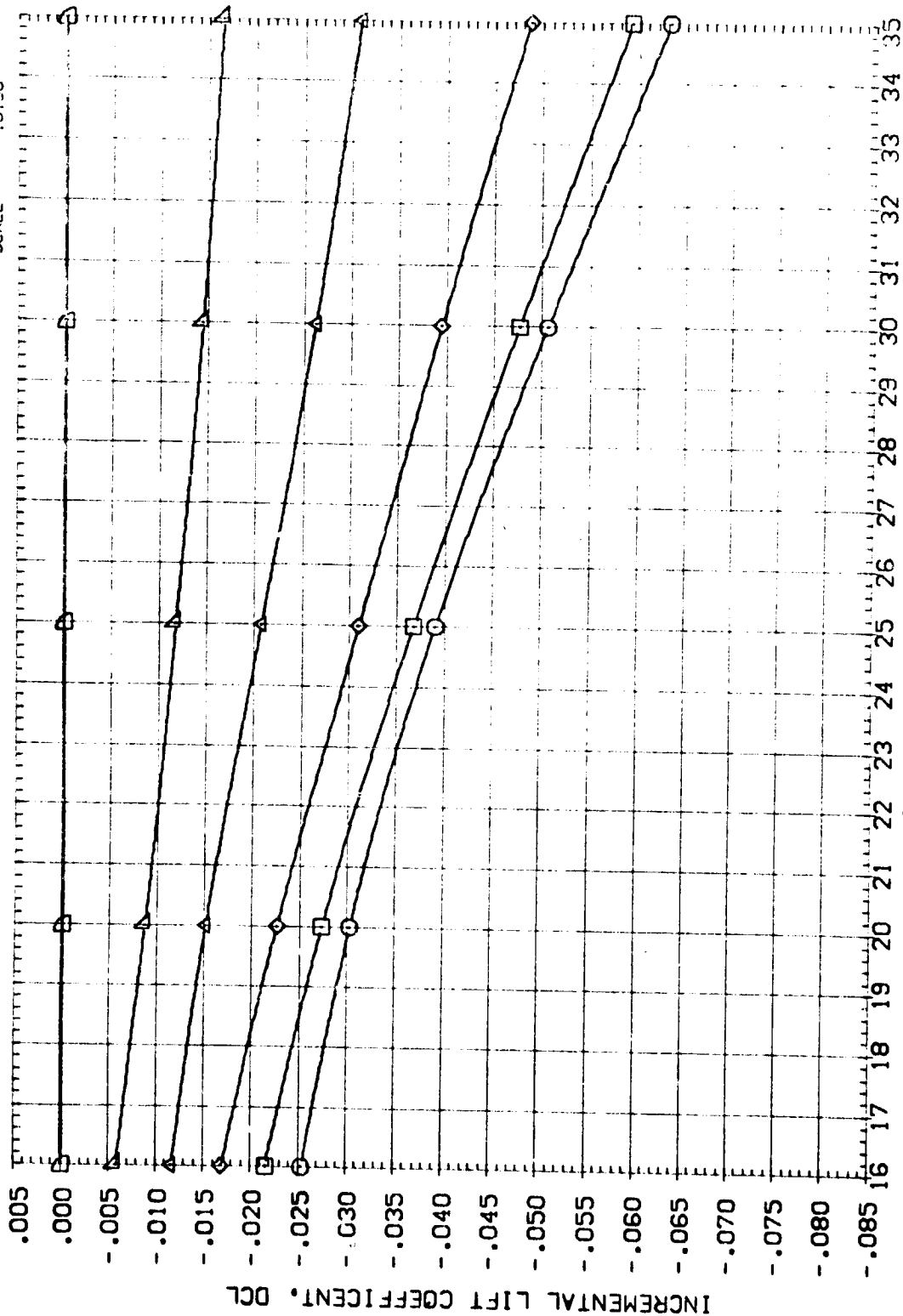


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FIND01)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ.IN.
(FIND07)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FIND08)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FIND09)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(FIND10)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	ZMRP .0000 INCHES
(FIND11)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES

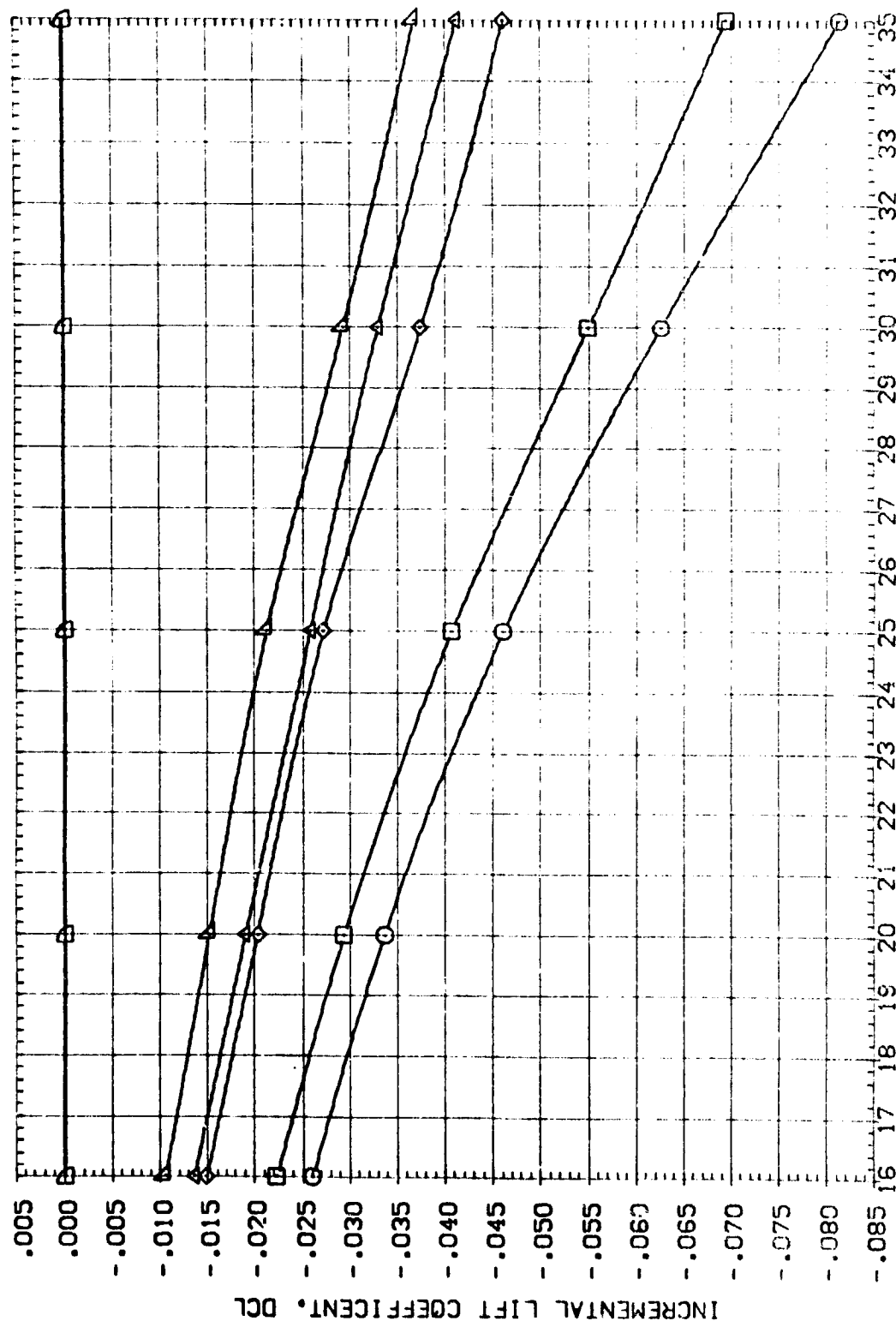


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DL ELEV	BD FLAP	SPDRK	RUDDER	REFERENCE INFORMATION
(FTN001)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTN007)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1200 INCHES
(FTN008)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTN009)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP .0000 INCHES
(FTN010)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
(FTN011)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

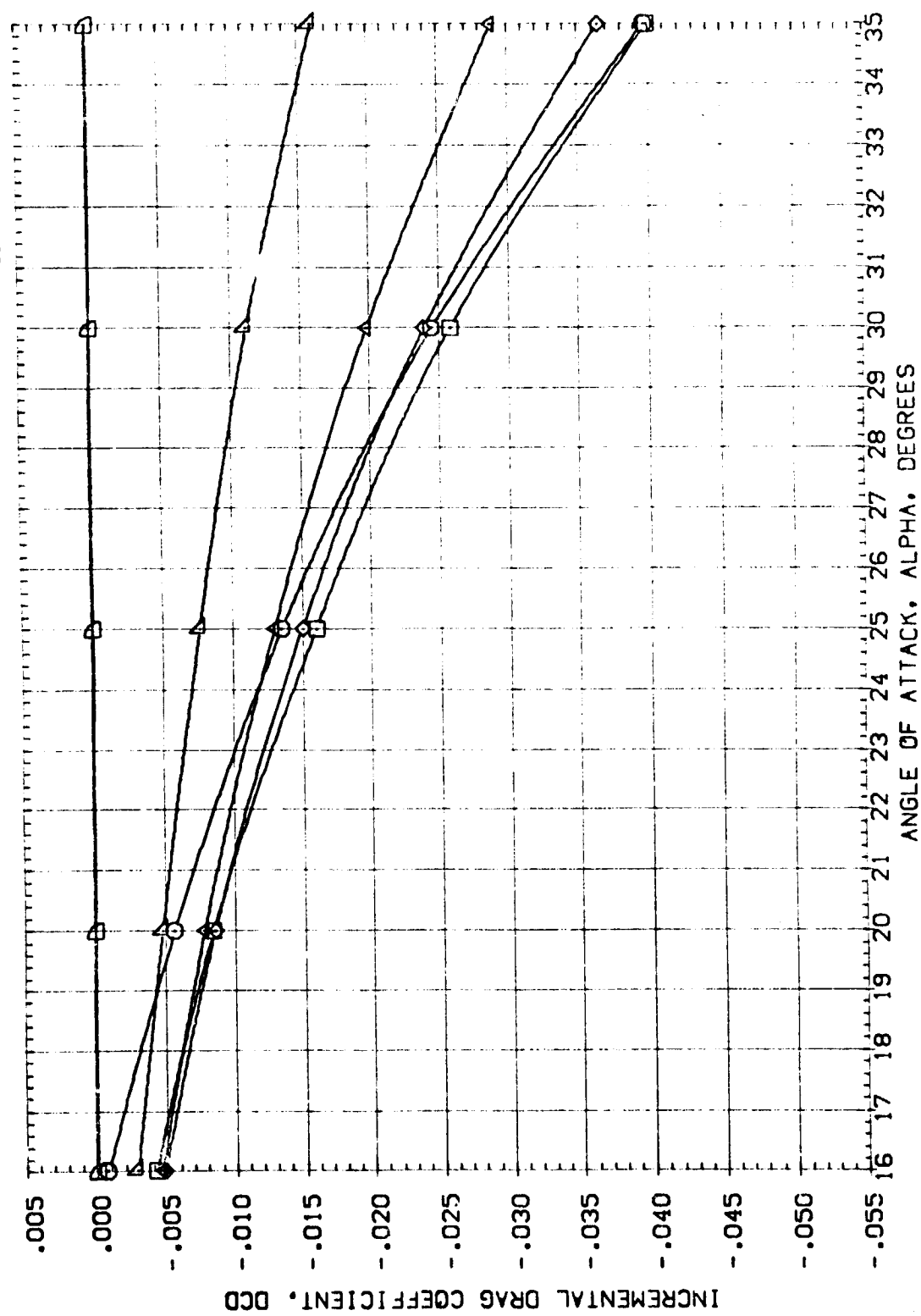


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 6.00

DATA SET SYMCL	CONFIGURATION DESCRIPTION	DLEEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN001)	AEDC VA474(OA77/78) (B26C9F7HT) (V11GE26) (VBR5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTN007)	AEDC VA474(OA77/78) (B26C9F7HT) (V11GE26) (VBR5)	-30.000	-11.700	55.000	.000	LRREF 7.1220 INCHES
(FTN008)	AEDC VA474(OA77/78) (B26C9F7HT) (V11GE26) (VBR5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTN010)	AEDC VA474(OA77/78) (B26C9F7HT) (V11GE26) (VBR5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(FTN011)	AEDC VA474(OA77/78) (B26C9F7HT) (V11GE26) (VBR5)	-5.000	-11.700	55.000	.000	ZMRP .0000 INCHES
						SCALE -.3750 INCHES

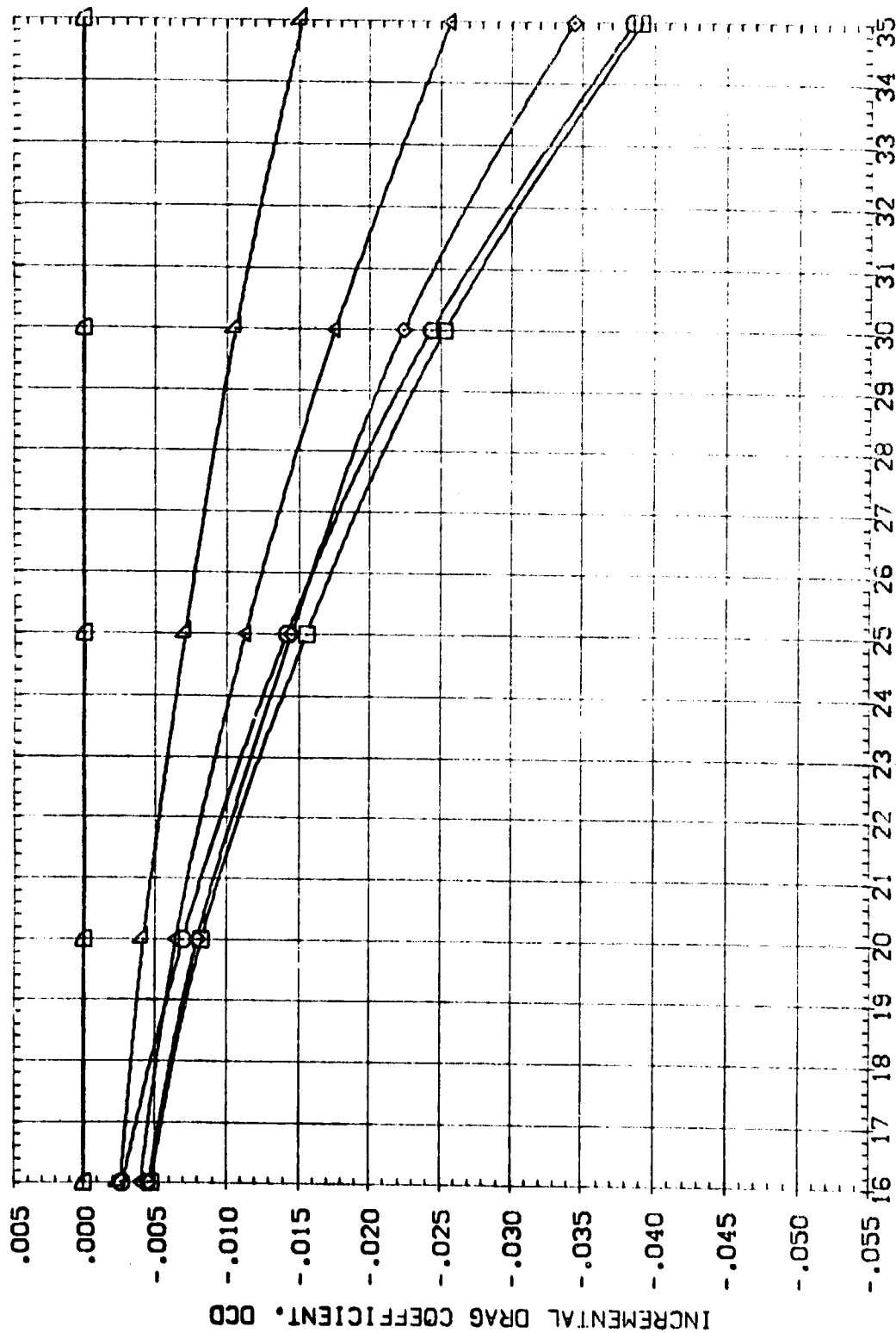


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(FTN001)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBK5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTN007)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBK5)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FTN008)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBK5)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTN009)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBK5)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(FTN010)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBK5)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
(FTN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBK5)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

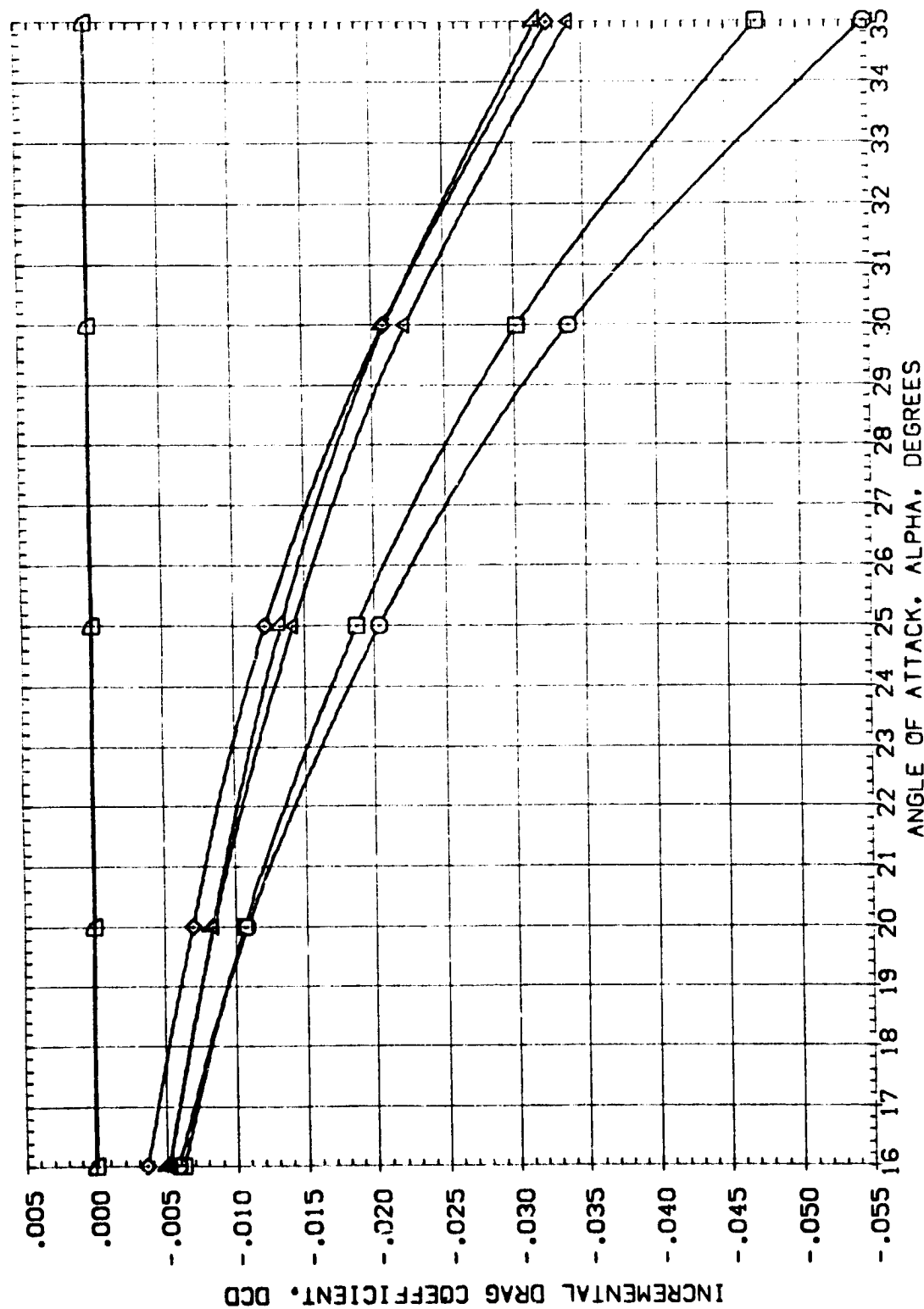


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	D/ELEV	ROFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(FTNQ01)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTNQ07)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FTNQ08)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTNQ09)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(FTNQ10)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-5.000	-11.700	55.000	.000	YMRP .0000 INCHES
(FTNQ11)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	.000	-11.700	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

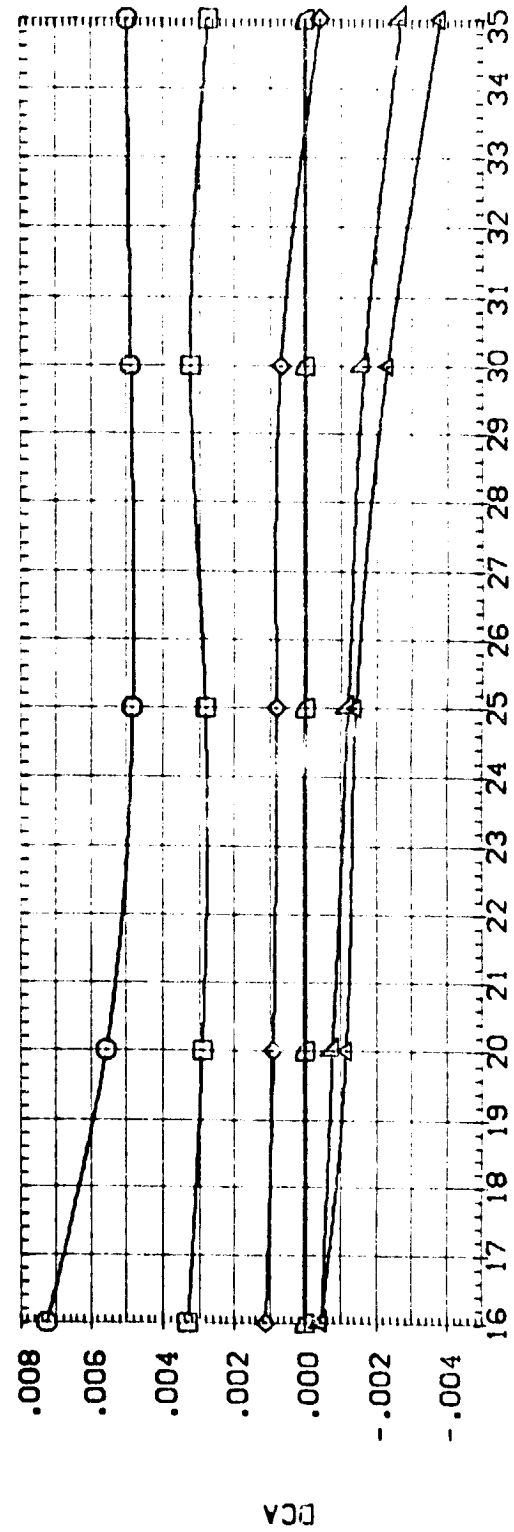
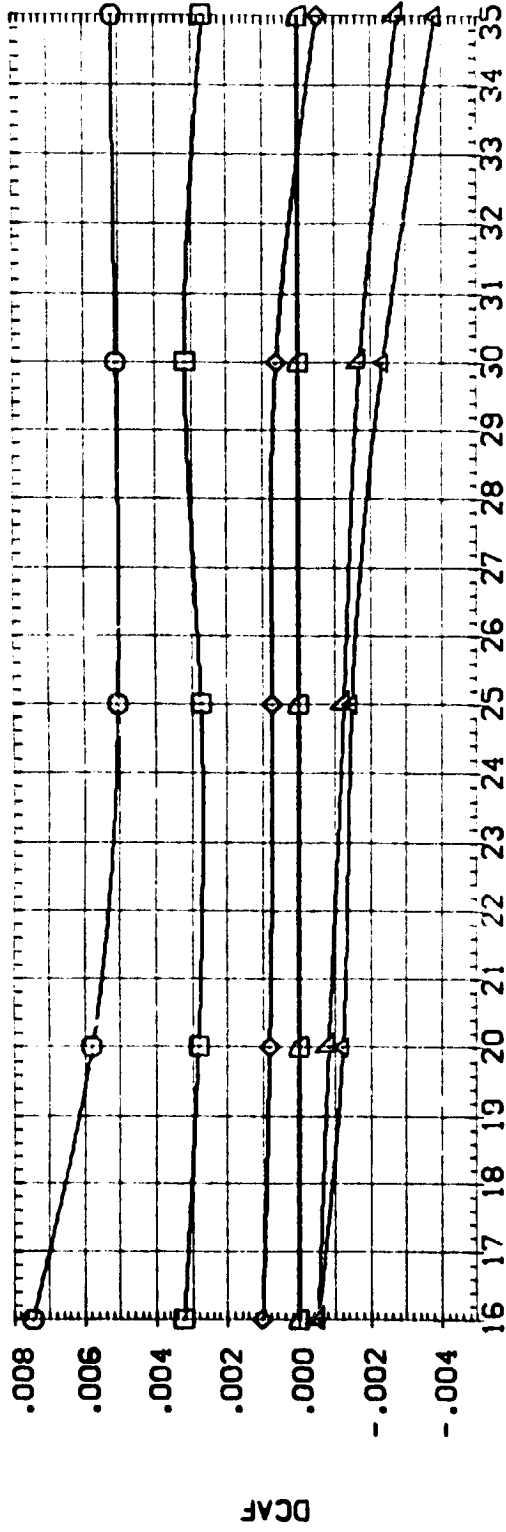


FIG 06 EFFECT OF ELEVATOR DEFLECTION. BODY FLAP= -11.7 DEG.

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO IN.
(FTN001)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560	INCHES
(FTN007)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220	INCHES
(FTN008)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-20.000	-11.700	55.000	.000	GREF 14.0520	INCHES
(FTN009)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250	INCHES
(FTN010)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	-11.700	55.000	.000	YMRP .0000	INCHES
(FTN011)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP -.3750	INCHES
						SCALE .0150	

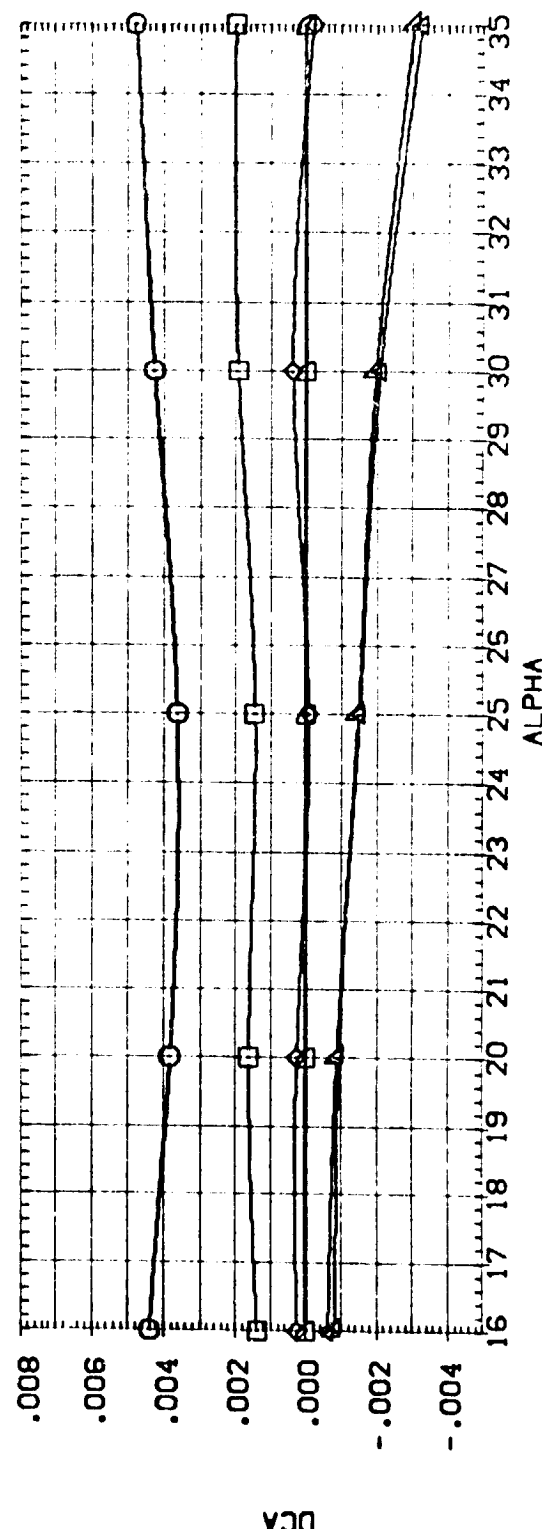
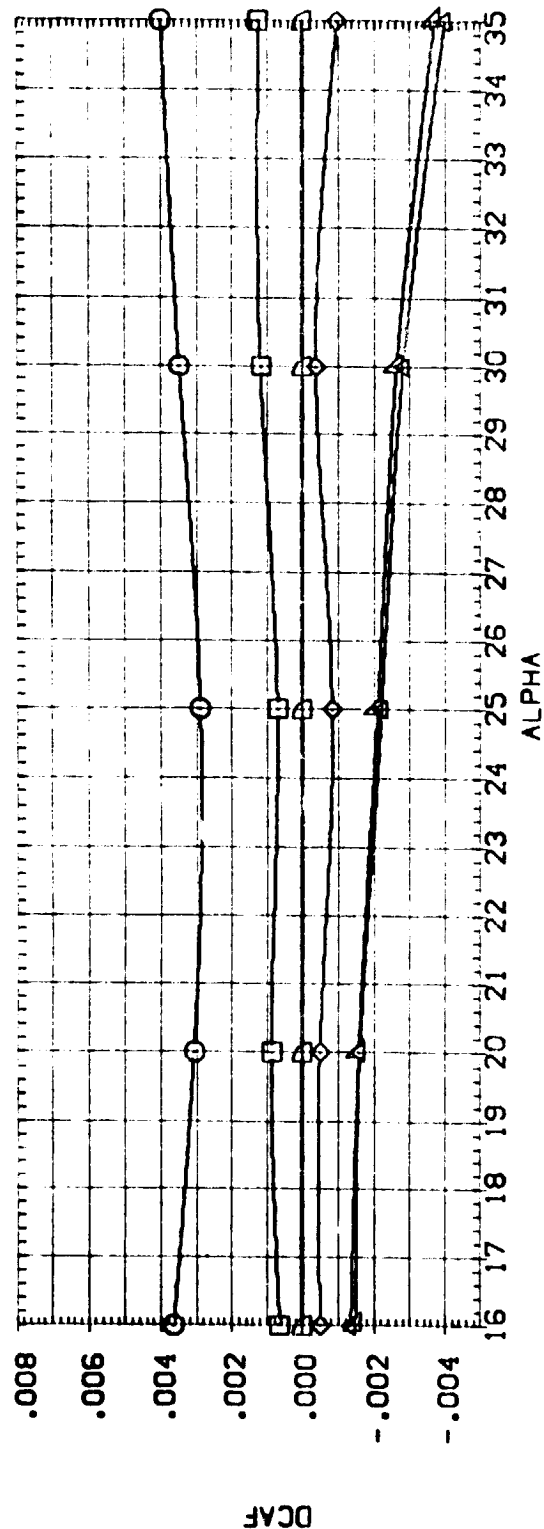


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN001)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8PS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTN007)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8PS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FTN008)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8PS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTN009)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8PS)	-10.000	-11.700	55.000	.000	YMRP 12.6250 INCHES
(FTN010)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8PS)	-5.000	-11.700	55.000	.000	ZMRP .0000 INCHES
(FTN011)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8PS)	.000	-11.700	55.000	.000	SCALE .0150

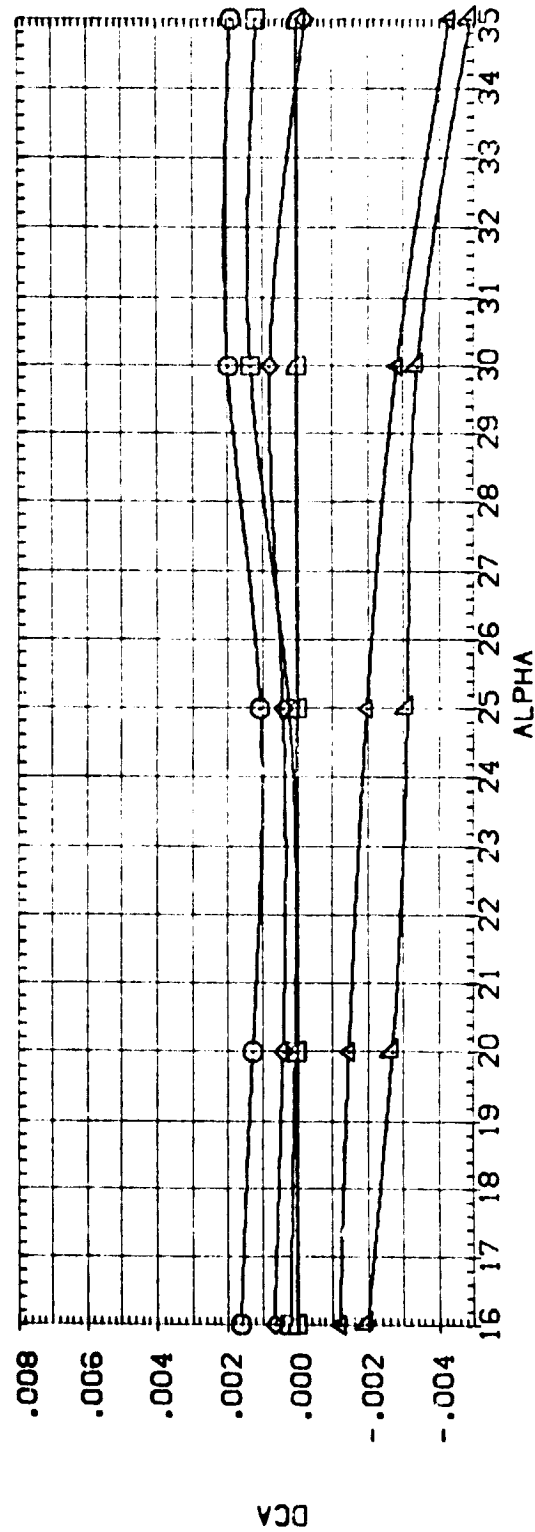
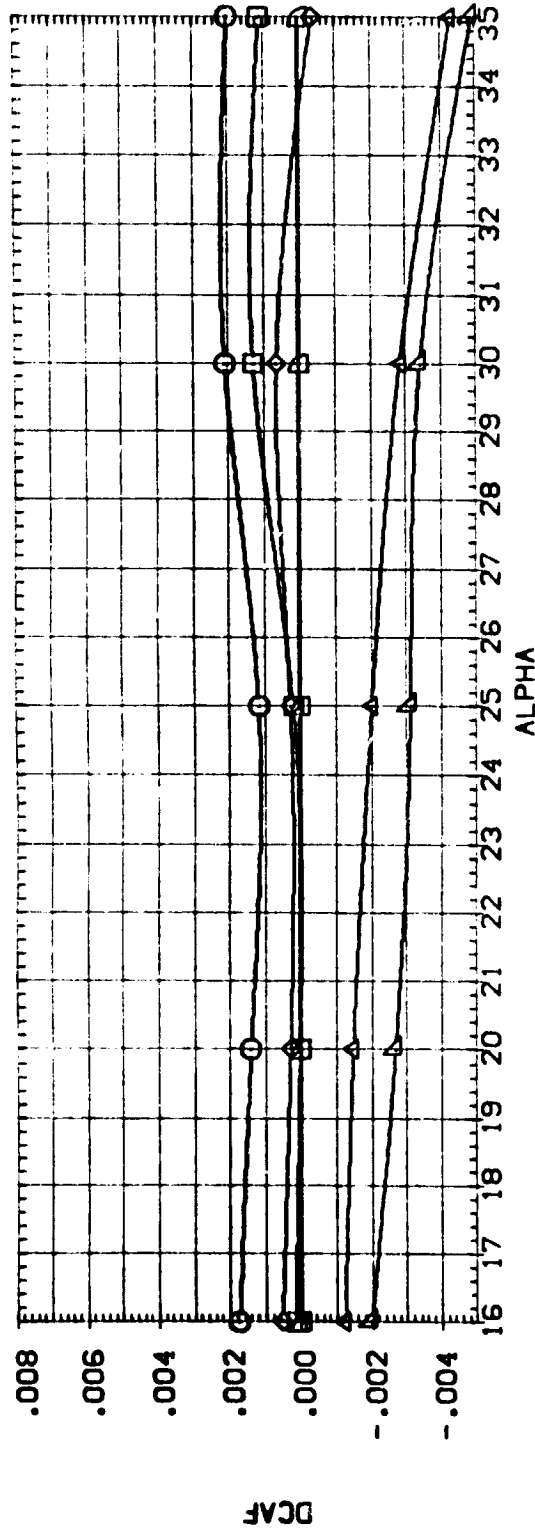


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(FTN001)
(FTN007)
(FTN008)
(FTN009)
(FTN010)
(FTN011)

AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)
AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)
AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)
AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)
AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)

DLEEV -40.000
-30.000
-20.000
-10.000
-5.000
.000

SPDBRK 55.000
55.000
55.000
55.000
55.000
55.000

RUDER .000
.000
.000
.000
.000
.000

REFERENCE INFORMATION
SREF 87.1560 SO.IN.
LREF 7.1220 INCHES
BREF 14.0520 INCHES
XMRP 12.6250 INCHES
YMRP .0000 INCHES
ZMRP -.3750 INCHES
SCALE .0150

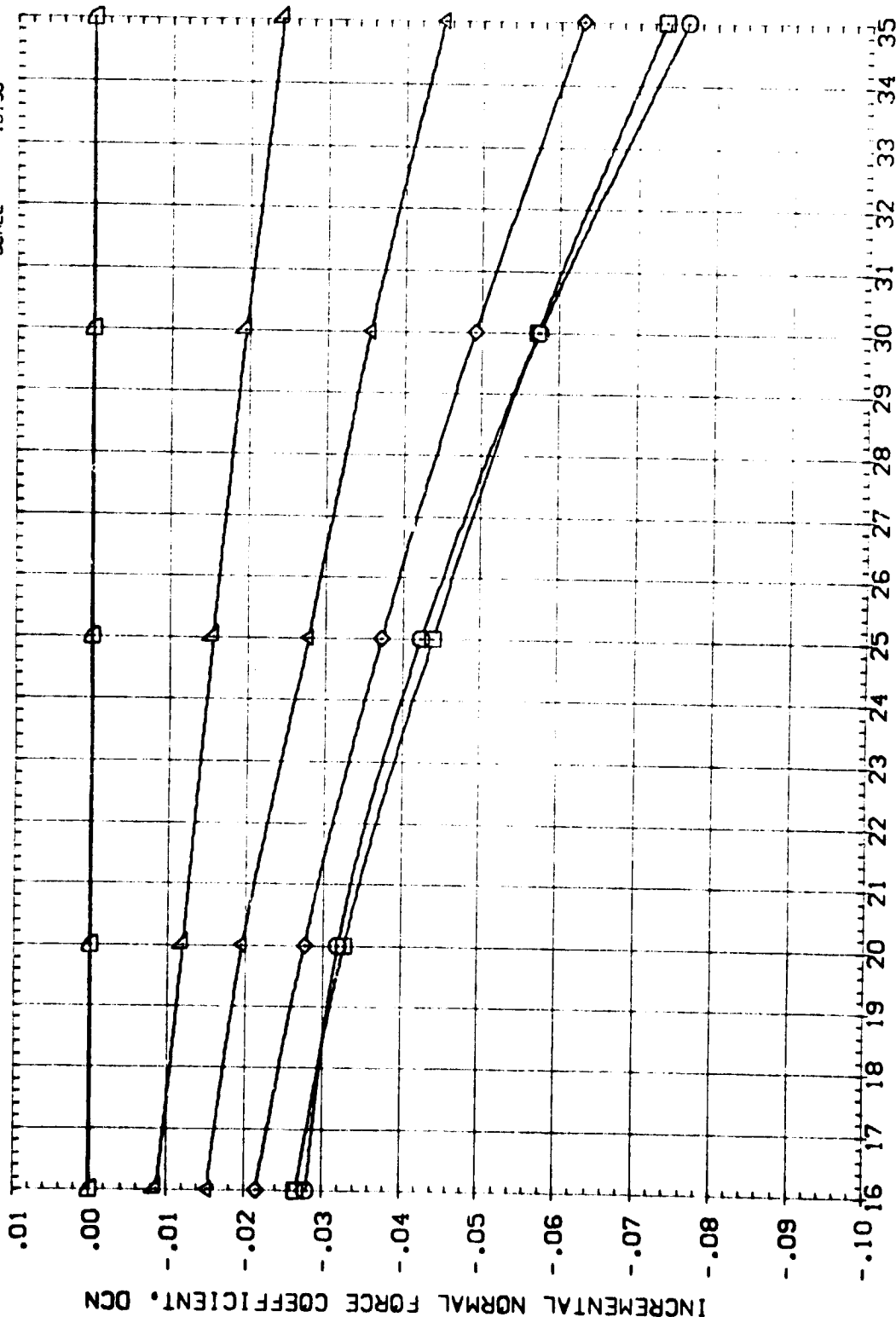


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DL ELEV	BO FLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
{FTN001}	AEDC VA474(OA77/78) (B26C3F7H7) (V11E26)(V8H5)	-40.000	-11.700	\$5.000	.000	SREF 87.1560 SO.IN.
{FTN007}	AEDC VA474(OA77/78) (B26C3F7H7) (V11E26)(V8H5)	-30.000	-11.700	\$5.000	.000	LREF 7.1220 NCHES
{FTN008}	AEDC VA474(OA77/78) (B26C3F7H7) (V11E26)(V8H5)	-20.000	-11.700	\$5.000	.000	SREF 14.0520 NCHES
{FTN009}	AEDC VA474(OA77/78) (B26C3F7H7) (V11E26)(V8H5)	-10.000	-11.700	\$5.000	.000	XMRP 12.6250 NCHES
{FTN010}	AEDC VA474(OA77/78) (B26C3F7H7) (V11E26)(V8H5)	-5.000	-11.700	\$5.000	.000	YMRP .0000 NCHES
{FTN011}	AEDC VA474(OA77/78) (B26C3F7H7) (V11E26)(V8H5)	.000	-11.700	\$5.000	.000	ZMRP -.3750 NCHES
						SCALE .0150

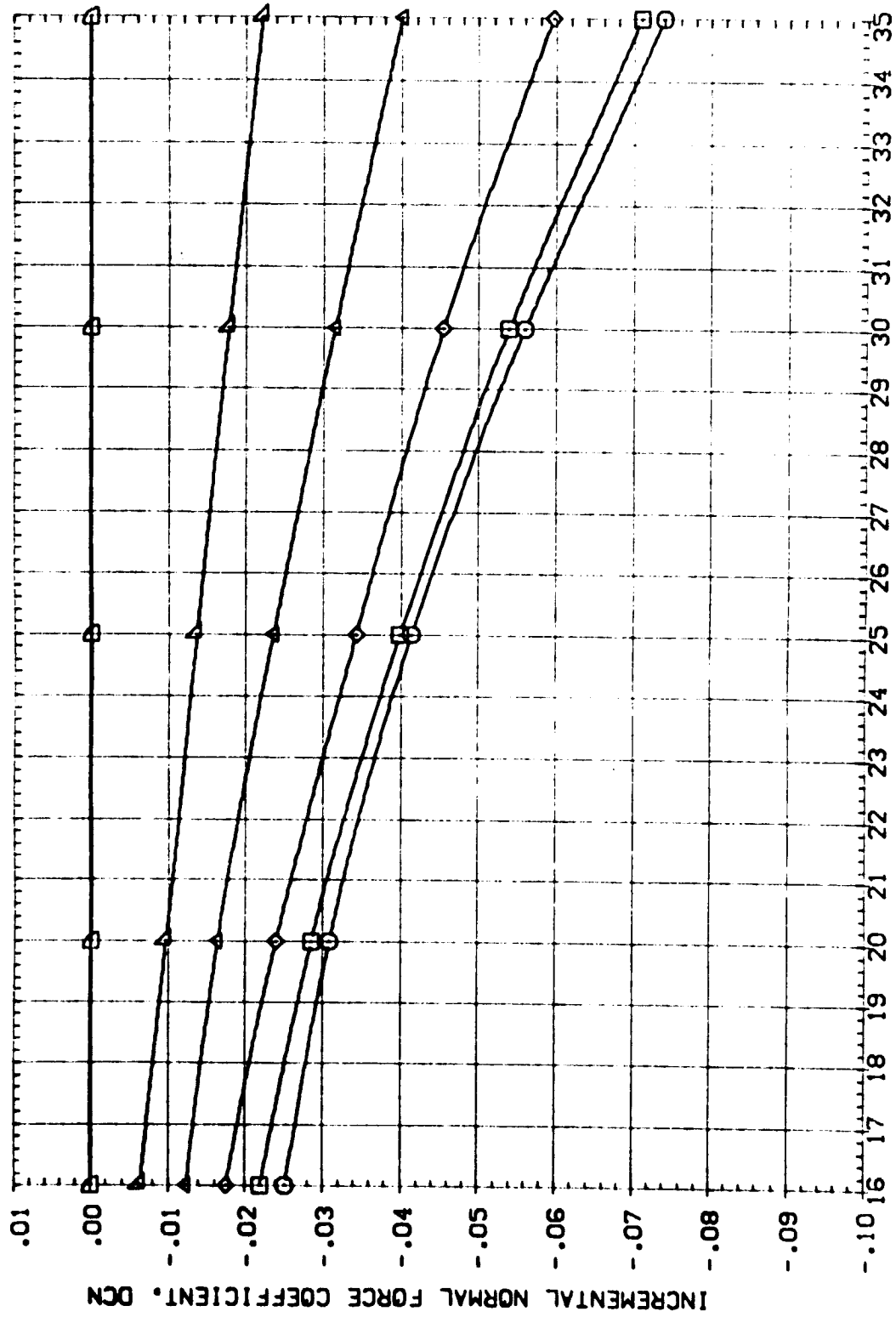


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN001)	AEDC VA474(DA77/78) (B26CSF7M7) (V11GE26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTN007)	AEDC VA474(DA77/78) (B26CSF7M7) (V11GE26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FTN008)	AEDC VA474(DA77/78) (B26CSF7M7) (V11GE26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTN009)	AEDC VA474(DA77/78) (B26CSF7M7) (V11GE26) (VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(FTN010)	AEDC VA474(DA77/78) (B26CSF7M7) (V11GE26) (VBRS)	-5.000	-11.700	55.000	.000	YMRP 6.0000 INCHES
(FTN011)	AEDC VA474(DA77/78) (B26CSF7M7) (V11GE26) (VBRS)	.000	-11.700	55.000	.000	ZMRP -1.3750 INCHES
						SCALE .0150

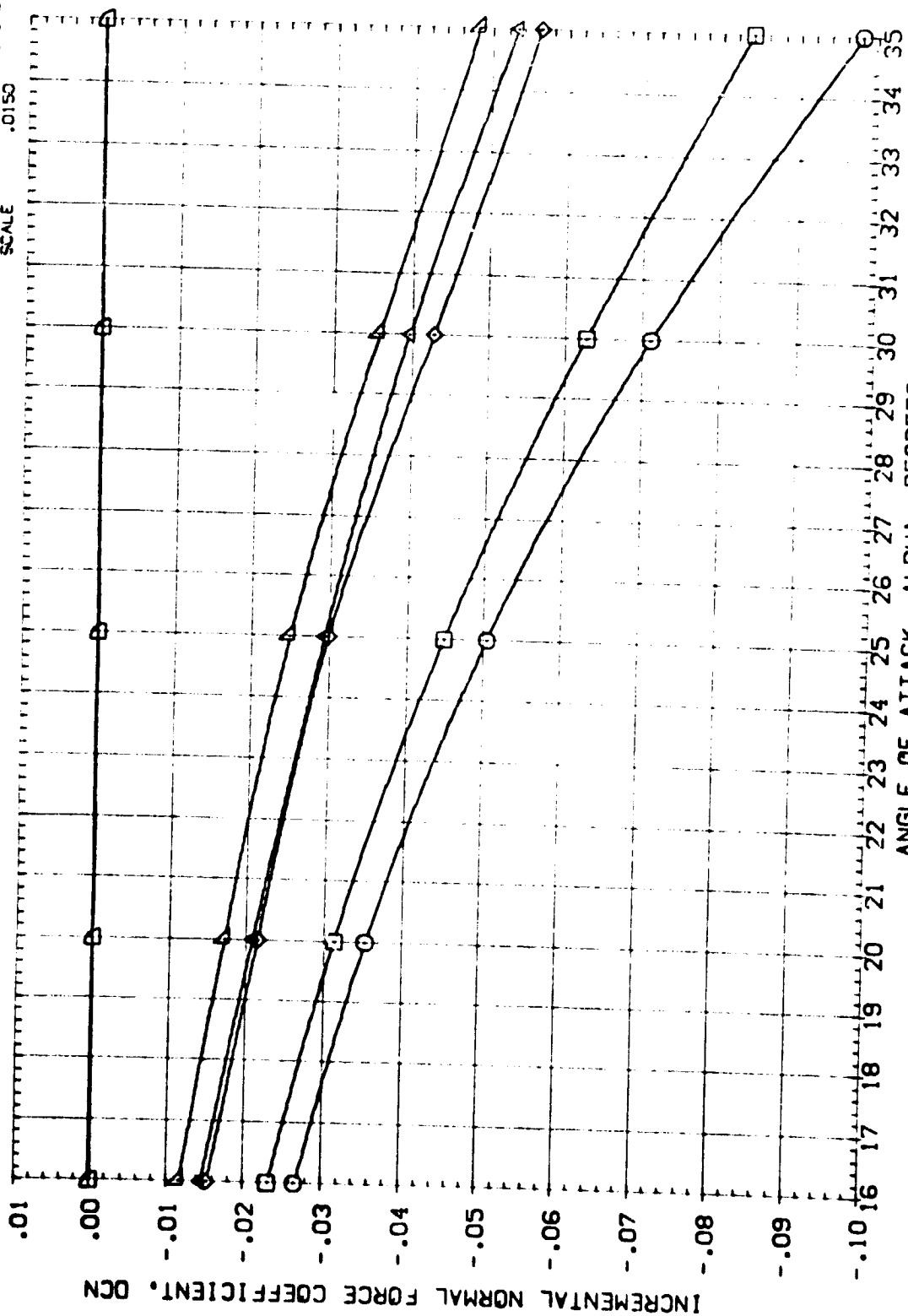


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

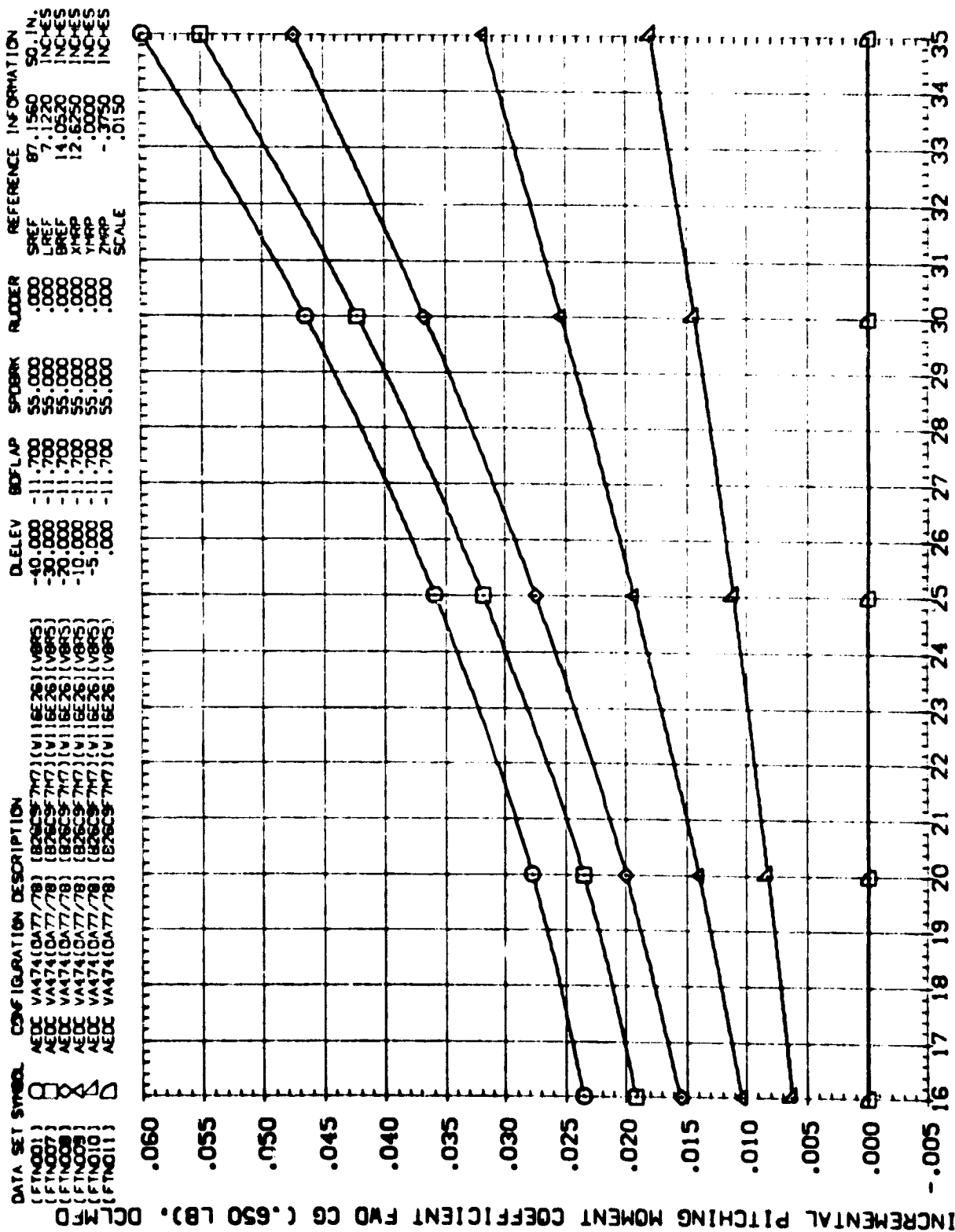


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 6.00

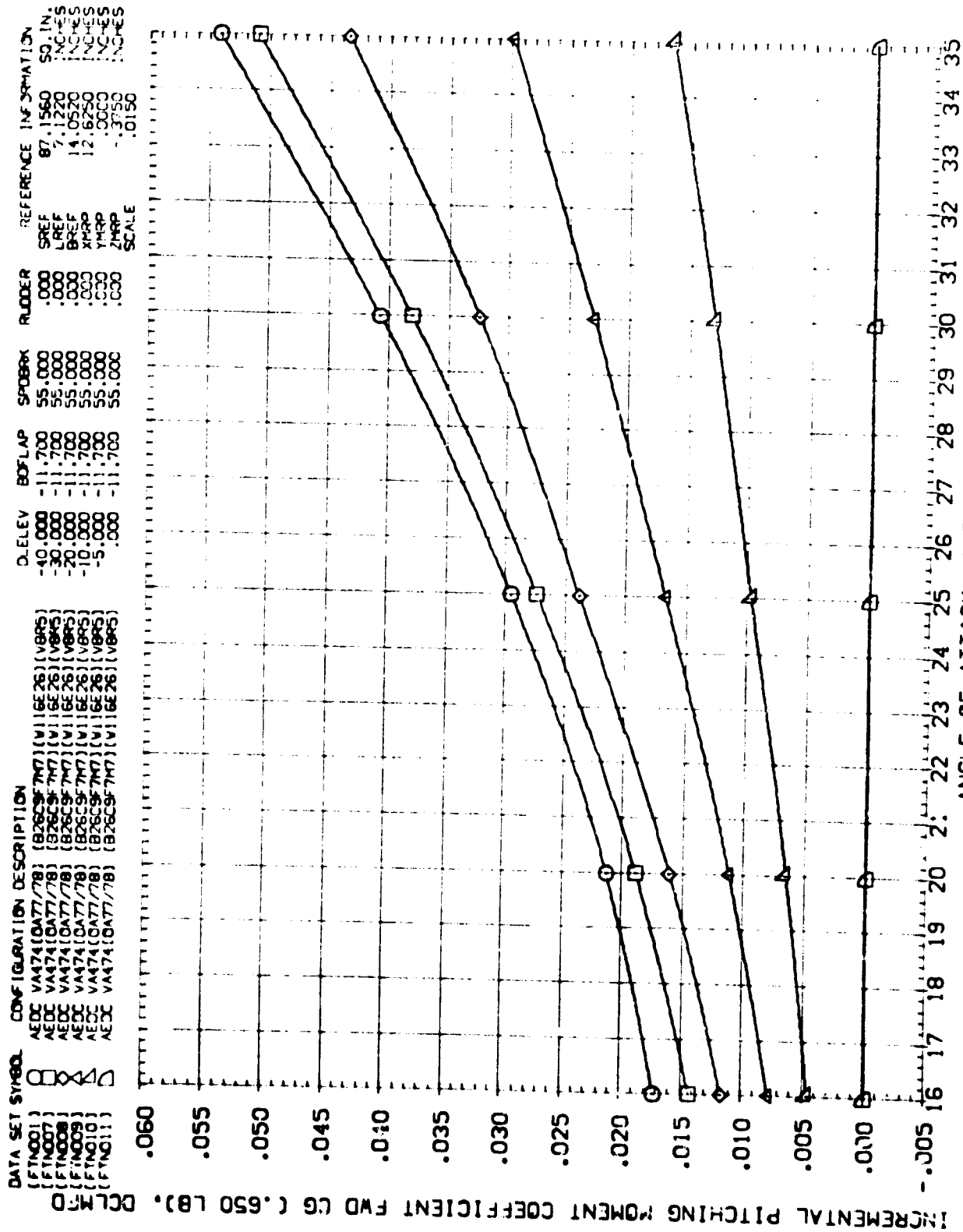


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(B)MACH = 8.00

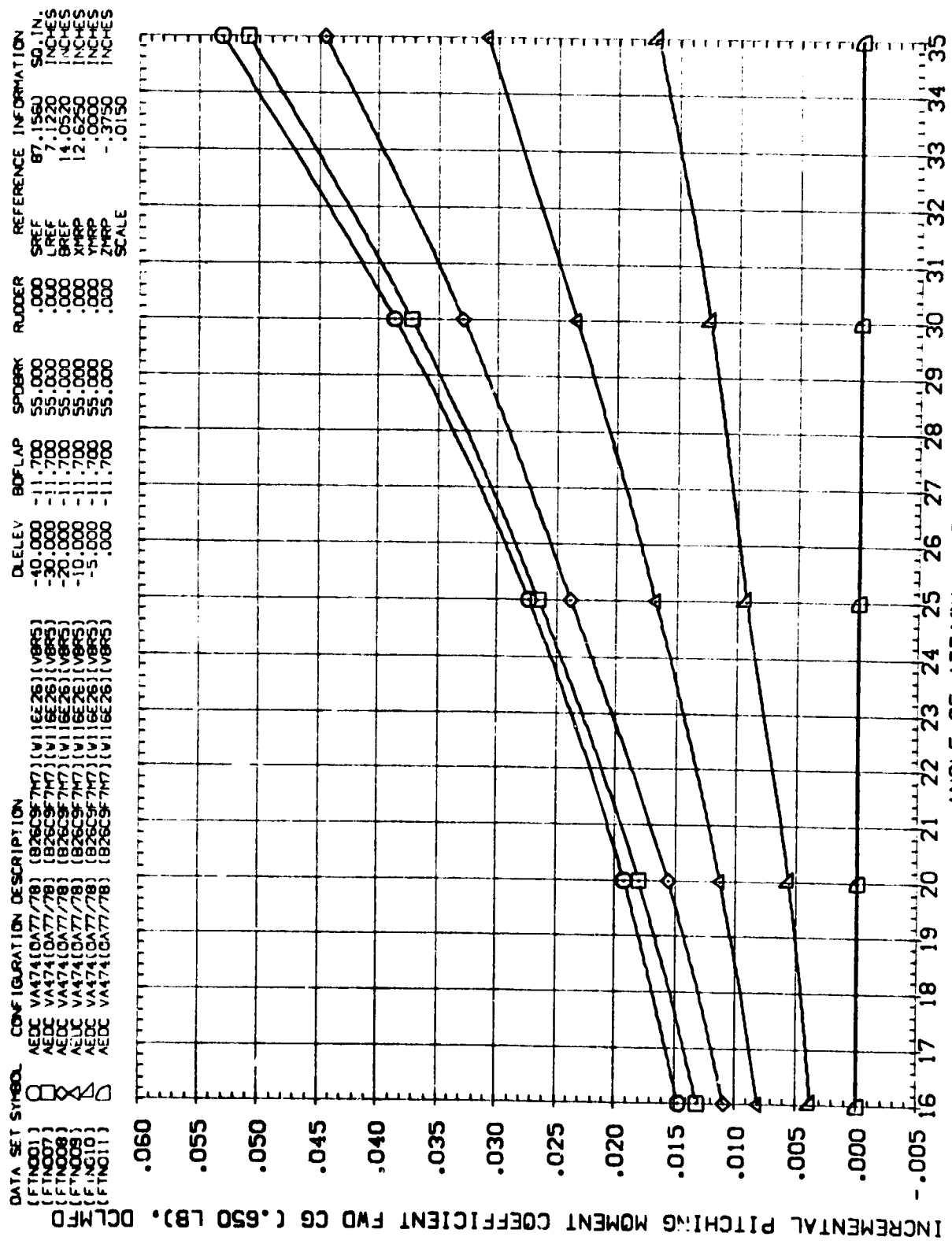


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[FTN001]	AEDC VA474(QA77/78) (B26C9/7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560 INCHES
[FTN007]	AEDC VA474(QA77/78) (B26C9/7M7) (V116E26) (VBRS)	-30.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[FTN008]	AEDC VA474(QA77/78) (B26C9/7M7) (V116E26) (VBRS)	-20.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[FTN009]	AEDC VA474(QA77/78) (B26C9/7M7) (V116E26) (VBRS)	-10.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[FTN010]	AEDC VA474(QA77/78) (B26C9/7M7) (V116E26) (VBRS)	-5.000	-11.700	55.000	.000	ZMRP .0000 INCHES
[FTN011]	AEDC VA474(QA77/78) (B26C9/7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB), DCLMAF

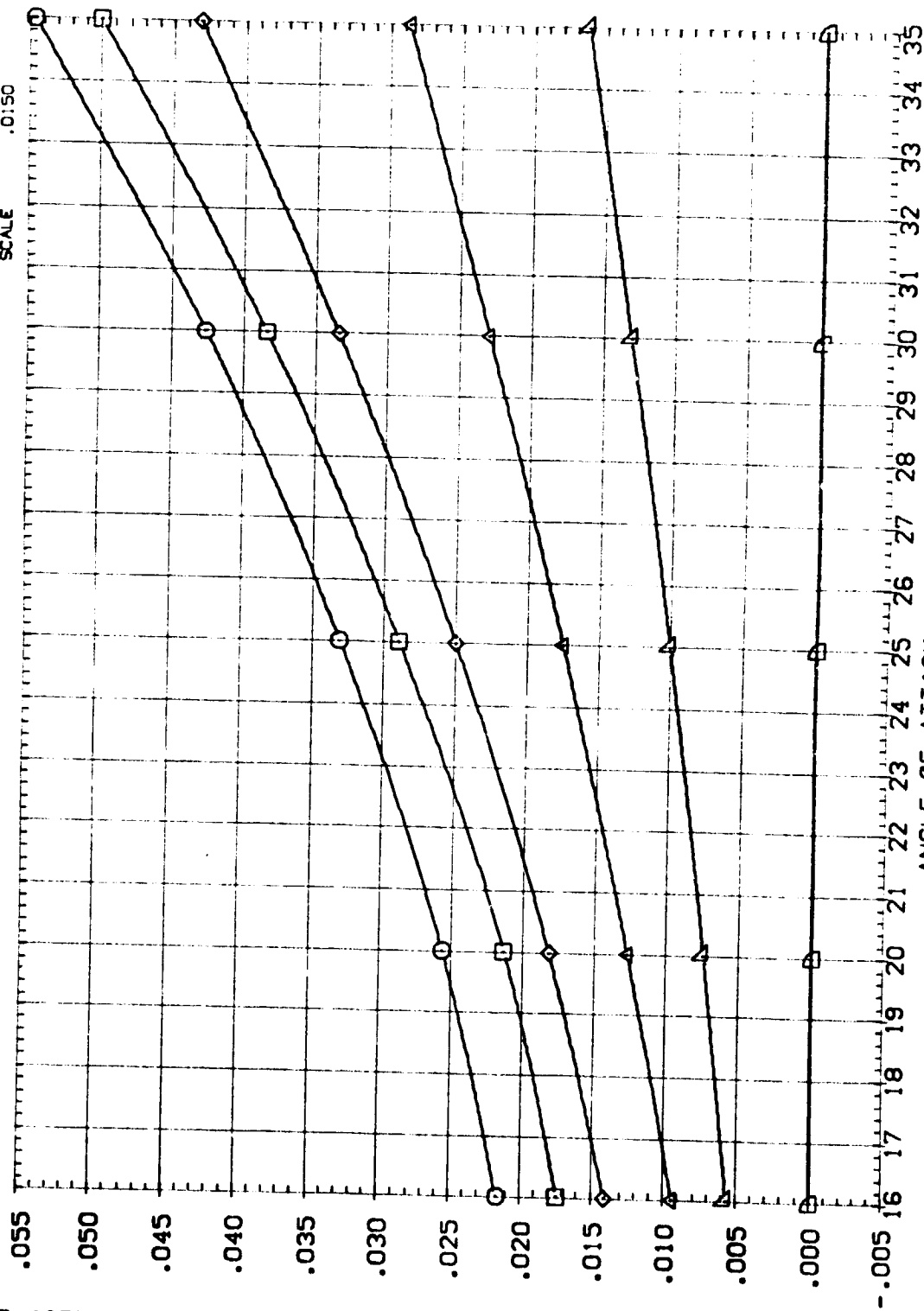


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
(A)MACH = 6.00

DATA SET SYMBOL
 (FTN001)
 (FTN007)
 (FTN008)
 (FTN009)
 (FTN010)
 (FTN011)

CONFIGURATION DESCRIPTION
 AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)
 AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)
 AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)
 AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)
 AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)
 AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)

REFERENCE INFORMATION
 SREF 87.1560 SQ. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB), DCLMAF

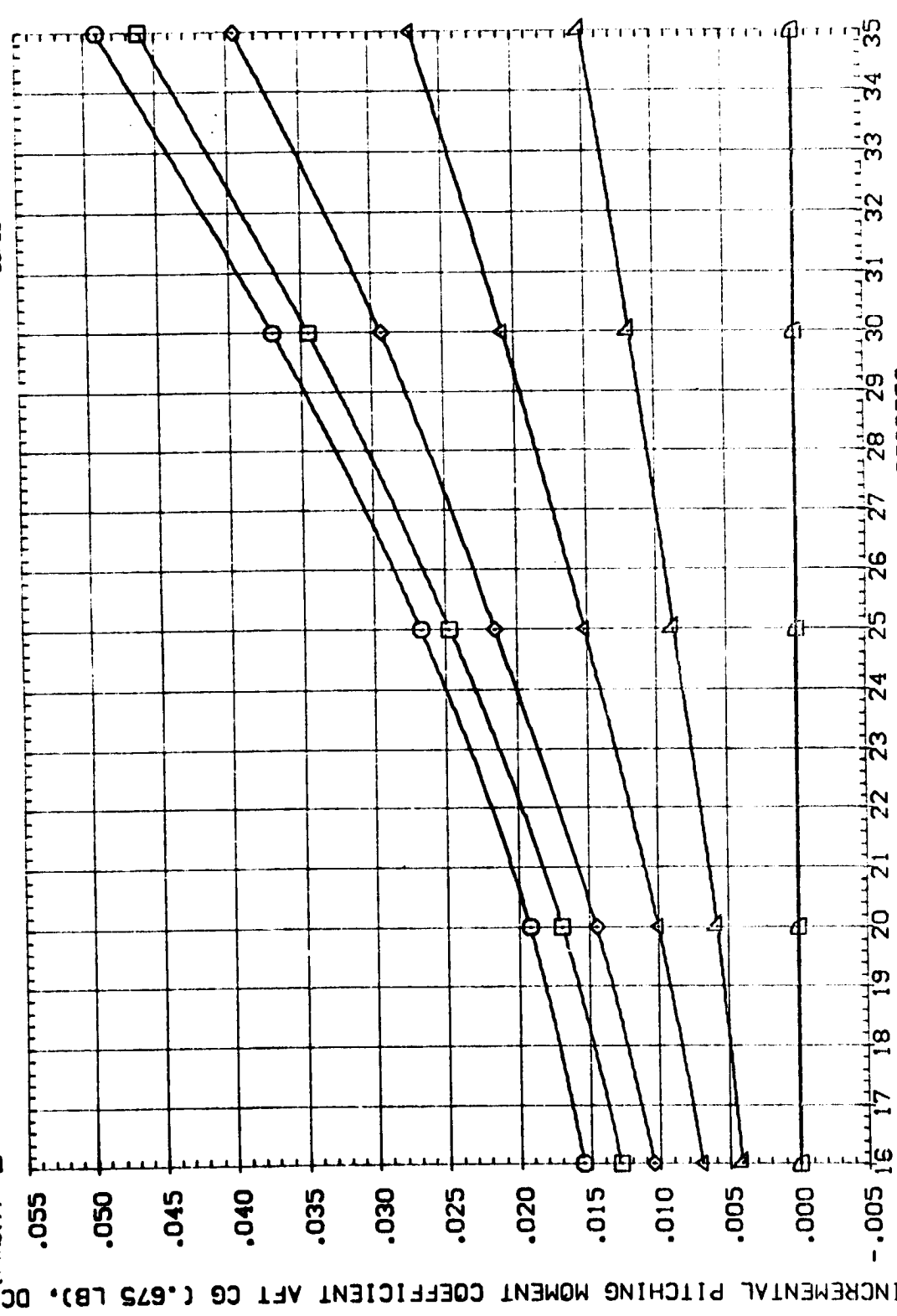


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLEEV	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(FTN001)	AEDC VA474(0A77/78) (B26C9F7H7)(V118E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560
(FTN007)	AEDC VA474(0A77/78) (B26C9F7H7)(V118E26)(V8R5)	-30.000	-11.700	55.000	.000	LREF 7.1220
(FTN008)	AEDC VA474(0A77/78) (B26C9F7H7)(V118E26)(V8R5)	-20.000	-11.700	55.000	.000	BREF 14.0520
(FTN009)	AEDC VA474(0A77/78) (B26C9F7H7)(V118E26)(V8R5)	-10.000	-11.700	55.000	.000	XMRP 12.6250
(FTN010)	AEDC VA474(0A77/78) (B26C9F7H7)(V118E26)(V8R5)	-5.000	-11.700	55.000	.000	YMRP .0000
(FTN011)	AEDC VA474(0A77/78) (B26C9F7H7)(V118E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP -.3750
						SCALE .0150

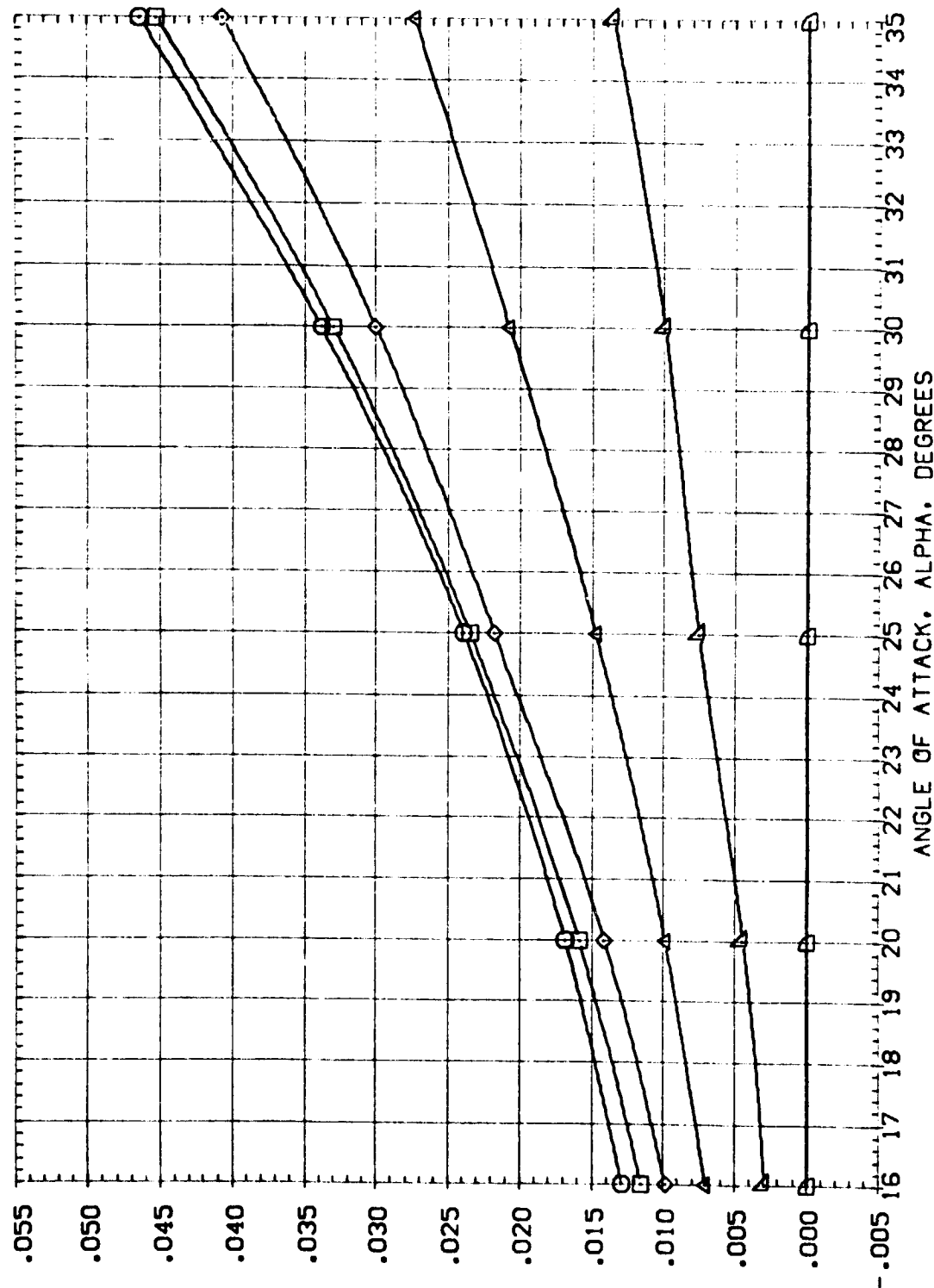


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL: CONFIGURATION: DESIG. P. 100

(FTN011) AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (VBRS)
 (FTN024) AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (VBRS)
 (FTN025) AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (VBRS)
 (FTN026) AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (VBRS)

DELEV: .000
 5.00
 10.00
 15.00

BODY FLAP: -11.700
 -11.700
 -11.700
 -11.700

RUDDER: .000
 .000
 .000
 .000

SPEED: 55.000
 55.000
 55.000
 55.000

REFERENCE INFORMATION:
 SREF: 87.155C
 LREF: 7.122C
 BREF: 14.052C
 VMRP: 12.625C
 VMRP: .000C
 VMRP: -.375C
 VMRP: .015C

SCALE

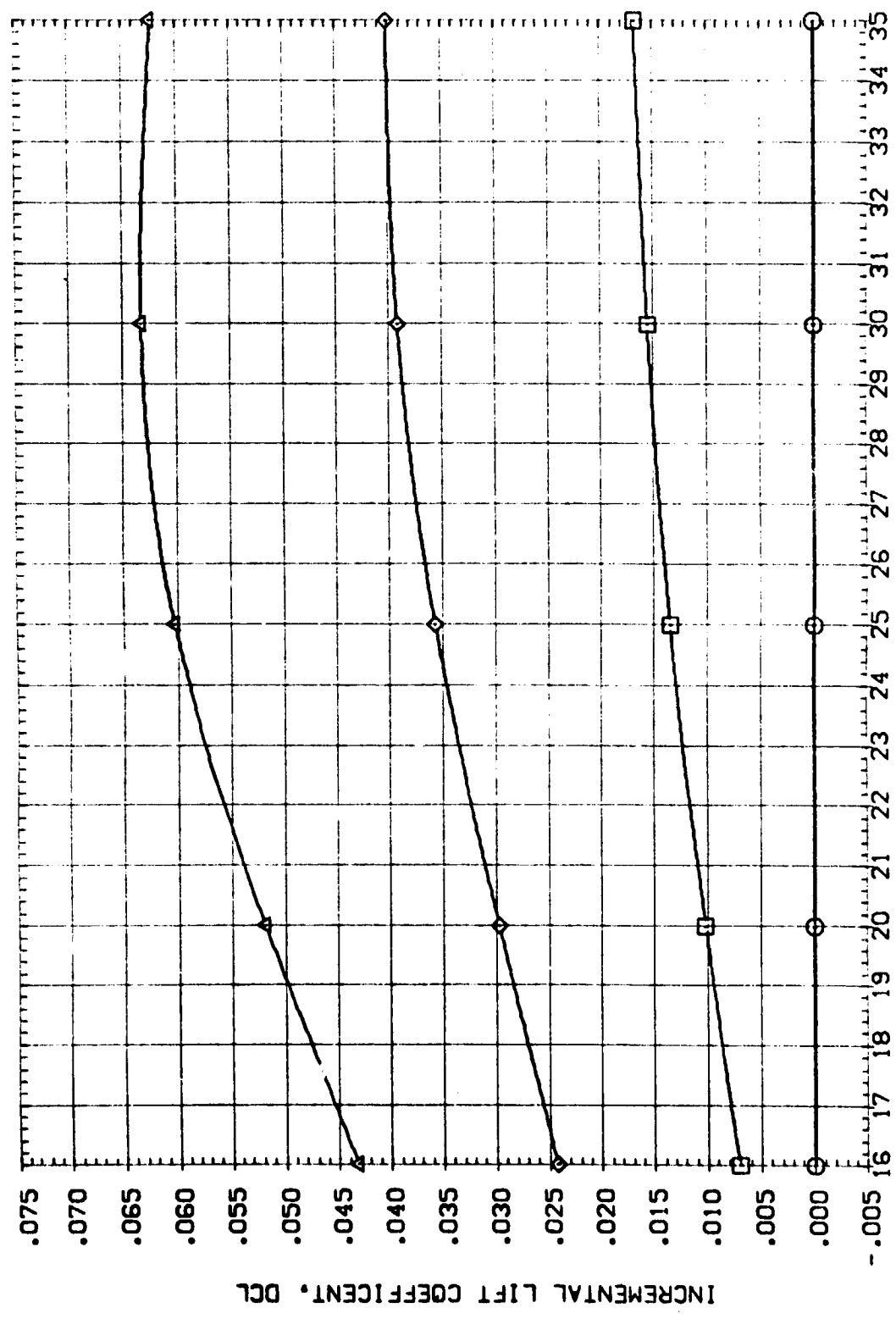


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FNO11)	AEDC VA474(0A77/78) (B26CSF7H7)(V11SE26)(V8RS)	.000	-11.700	55.000	.000	SREF 67.1560 INCHES
(FNO24)	AEDC VA474(0A77/78) (B26CSF7H7)(V11SE26)(V8RS)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FNO25)	AEDC VA474(0A77/78) (B26CSF7H7)(V11SE26)(V8RS)	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FNO26)	AEDC VA474(0A77/78) (B26CSF7.7)(V11SE26)(V8RS)	15.000	-11.700	55.000	.000	XMRF 12.6250 INCHES
						YMRF .0000 INCHES
						ZMRF -.3750 INCHES
						SCALE .0150

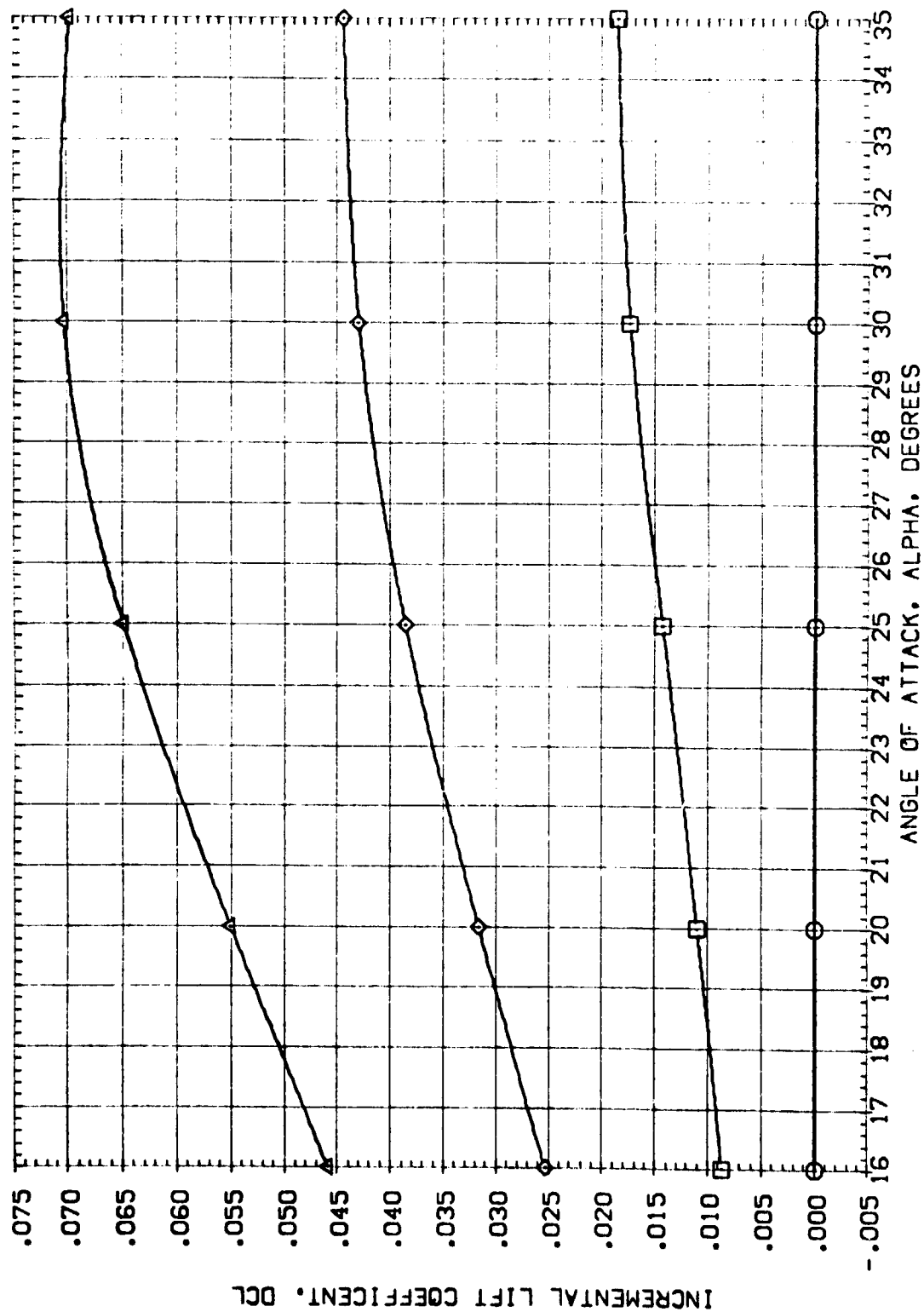


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	QLELEV	BOFLAP	SPDRK	RUDDER	REFERENCE INFORMATION
(FTN011)	AEDC VA474(CA77/78) (B26C9-7M7) (V11GE26) (V875)	.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(FTN024)	AEDC VA474(CA77/78) (B26C9-7M7) (V11GE26) (V875)	5.000	-11.700	55.000	.000	LSREF 71.1220 INCHES
(FTN025)	DATA NOT AVAILABLE	10.000	-11.700	55.000	.000	BSREF 14.0520 INCHES
(FTN026)	AEDC VA474(CA77/78) (B26C9-7M7) (V11GE26) (V875)	15.000	-11.700	55.000	.000	XMRP 12.8250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

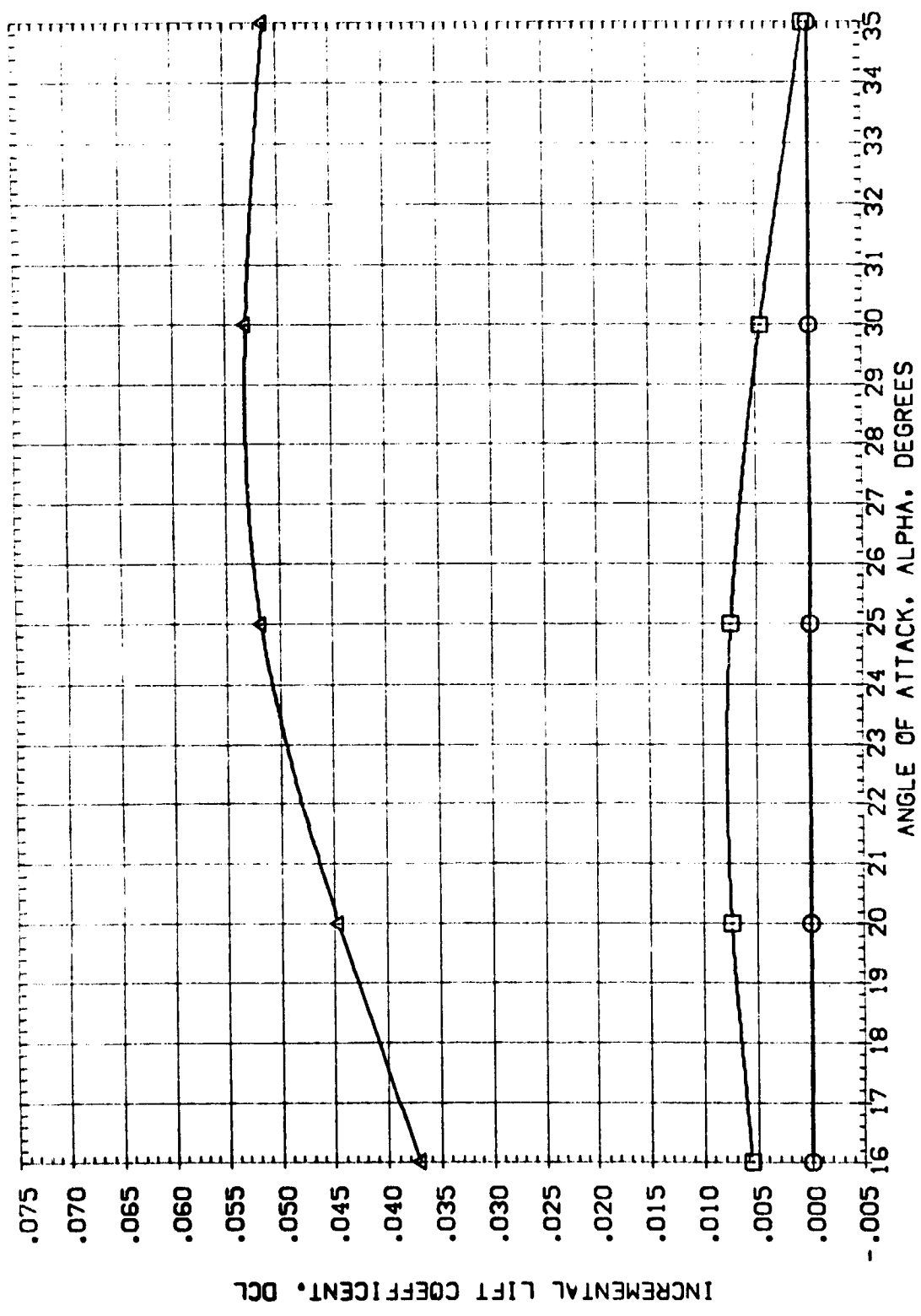


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(FTN011) AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)
 (FTN024) AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)
 (FTN025) AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)
 (FTN026) AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)

DLELEV BOFLAP SPOBRK RUDDER REFERENCE INFORMATION
 .000 -11.700 .55.000 .000 SREF 87.1560 SO.IN.
 5.000 -11.700 .55.000 .000 LREF 7.1220 INCHES
 10.000 -11.700 .55.000 .000 BREF 14.0520 INCHES
 15.000 -11.700 .55.000 .000 XREF 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

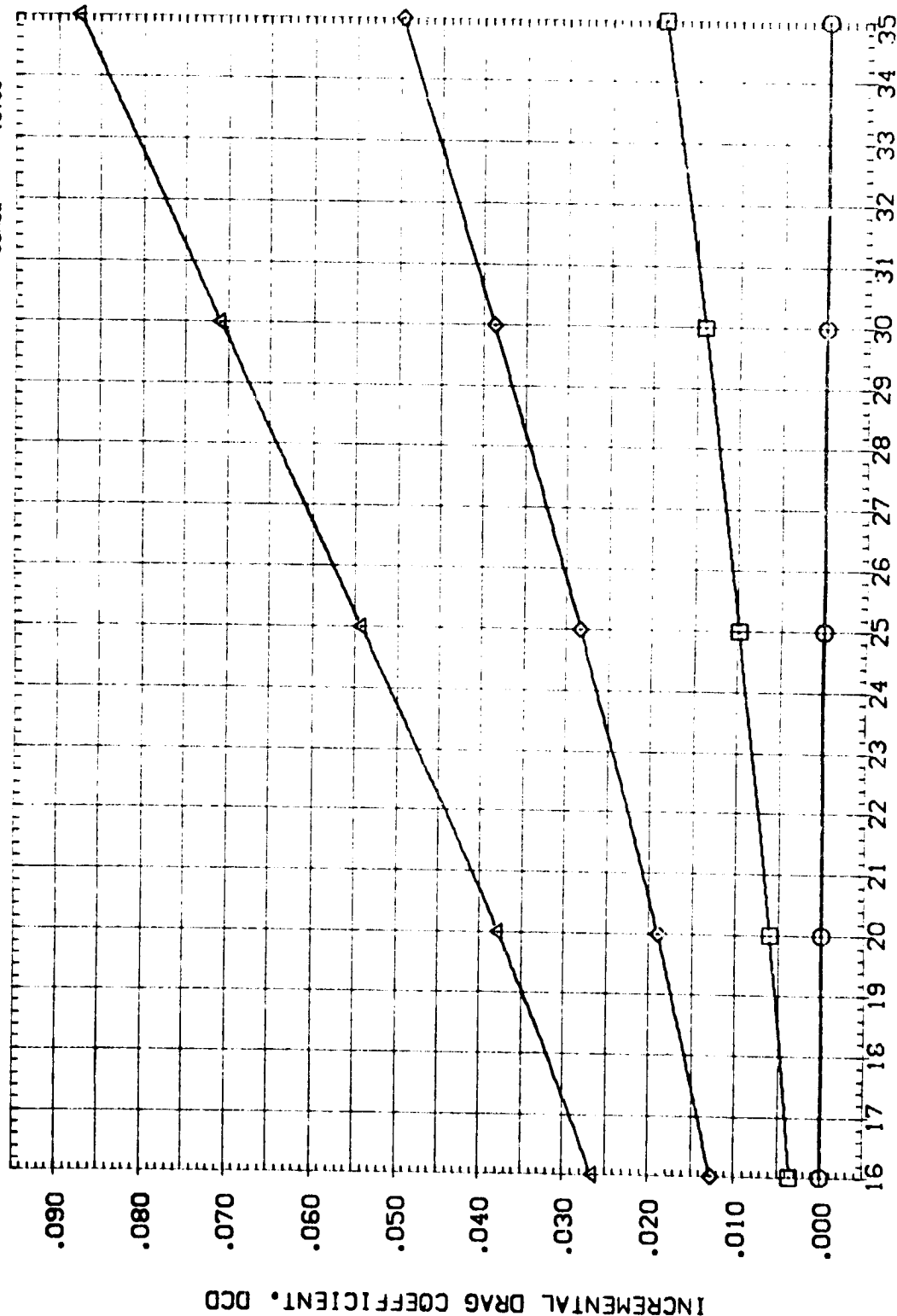


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
 (A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA ELEV	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(FTN011)	AECC VAS74 (177) (78) (32509777) (V11826) (V825)	.000	-11.700	55.000	.000	SPREF 87.1150
(FTN024)	AECC VAS74 (177) (78) (32509777) (V11826) (V825)	.000	-11.700	55.000	.000	LPREF 11.1150
(FTN025)	AECC VAS74 (177) (78) (32509777) (V11826) (V825)	.000	-11.700	55.000	.000	BPREF 14.0500
(FTN026)	AECC VAS74 (177) (78) (32509777) (V11826) (V825)	.000	-11.700	55.000	.000	XMREF 12.6250
						YMRP .0000
						ZMRP -.3750
						SCALE .0150

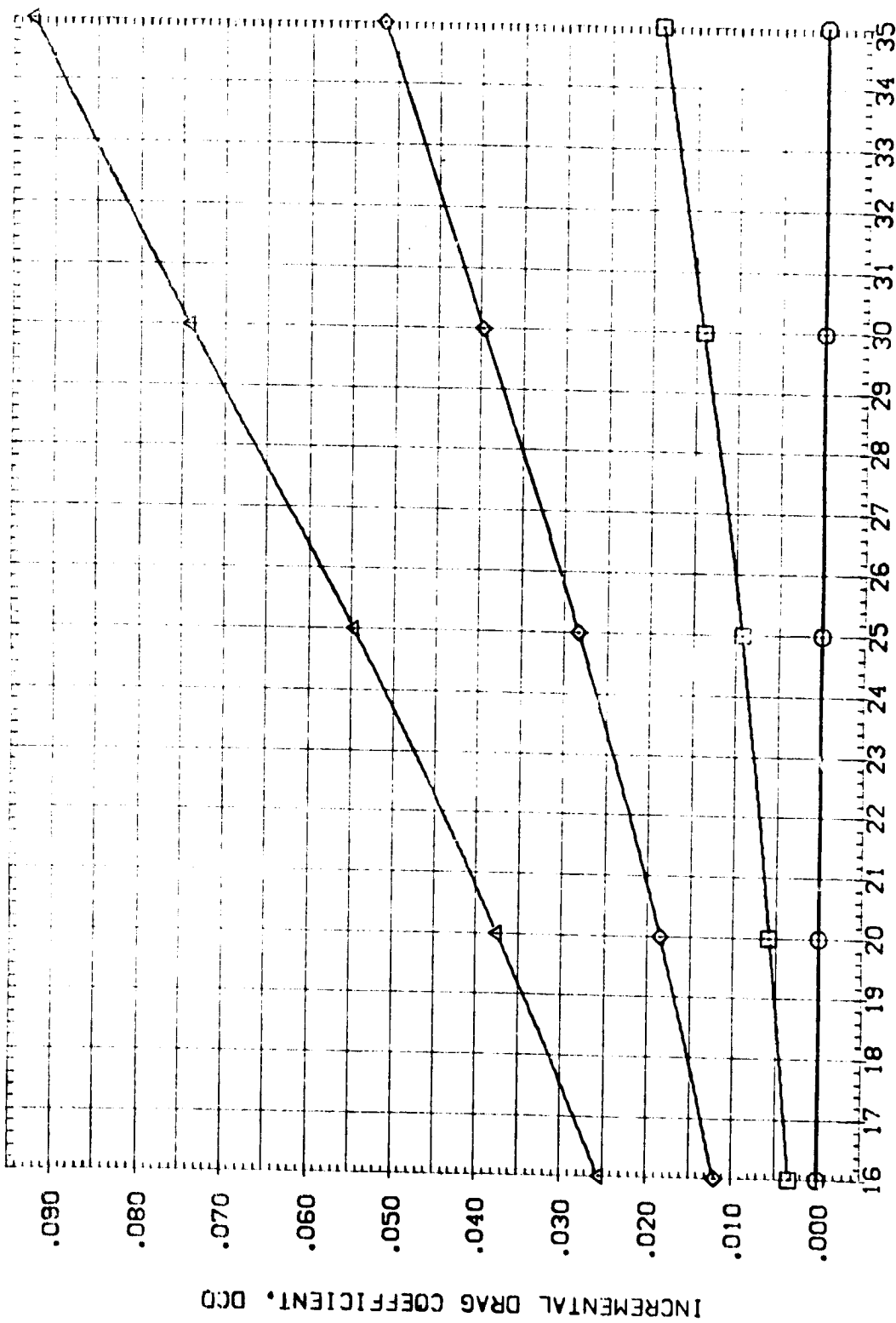


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	QLELEV	SOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(FTN011)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V895)	.000	-11.700	55.000	.000	SREF 87.1560 INCHES
(FTN024)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V895)	5.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(FTN025)	DATA NOT AVAILABLE	10.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(FTN026)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V895)	15.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

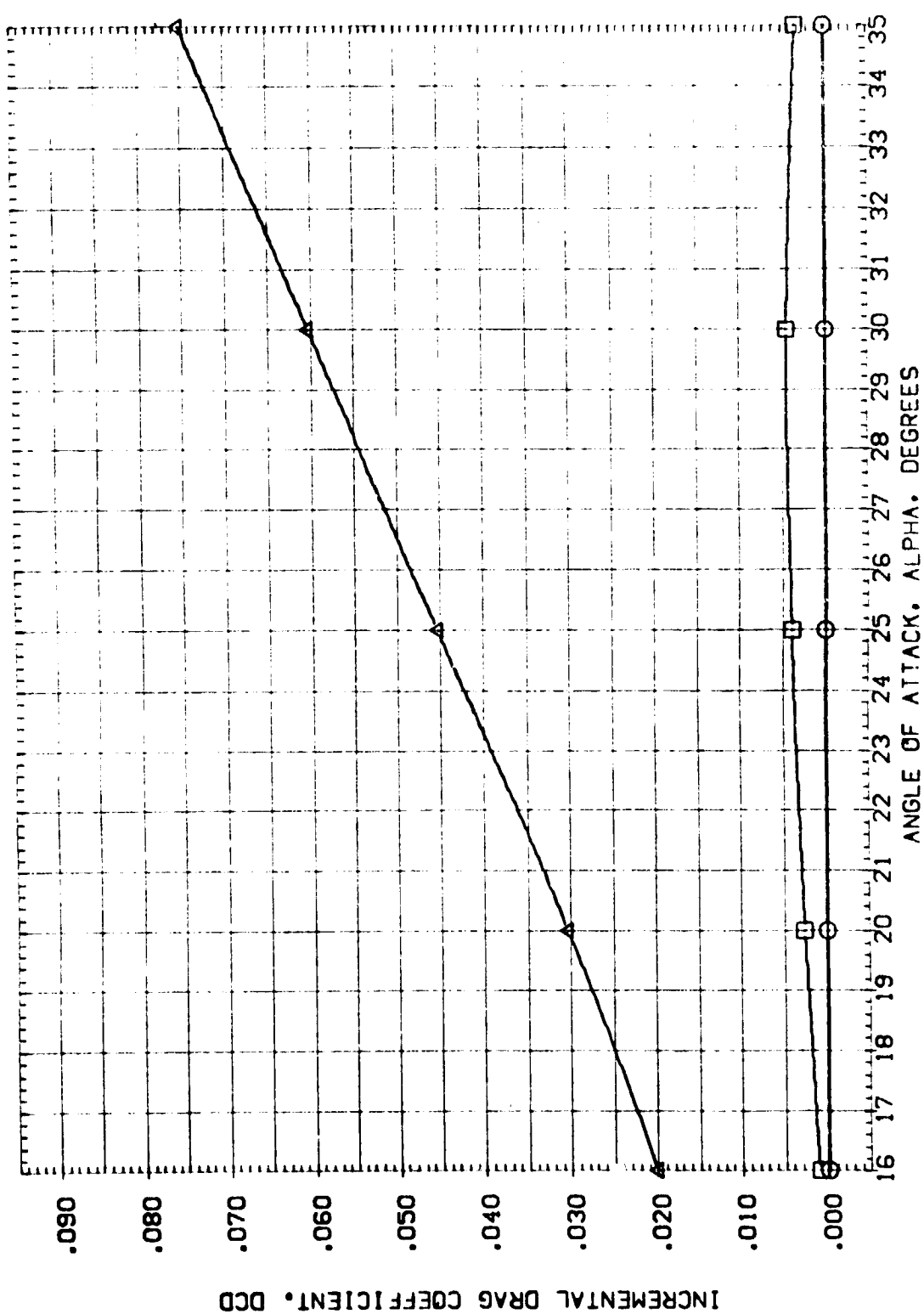


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	SREF	SO IN.
(FTNG11)	AEDC VA474(0A77/78) (B26C9-747) (V116E26) (V895)	.000	-11.700	55.000	.000	87.1560	7.1220
(FTNG24)	AEDC VA474(0A77/78) (B26C9-747) (V116E26) (V895)	5.000	-11.700	55.000	.000	87.1560	7.1220
(FTNG25)	AEDC VA474(0A77/78) (B26C9-747) (V116E26) (V895)	10.000	-11.700	55.000	.000	87.1560	7.1220
(FTNG26)	AEDC VA474(0A77/78) (B26C9-747) (V116E26) (V895)	15.000	-11.700	55.000	.000	87.1560	7.1220

YMRP ZMRP SCALE

12.6250 -3730 .0150

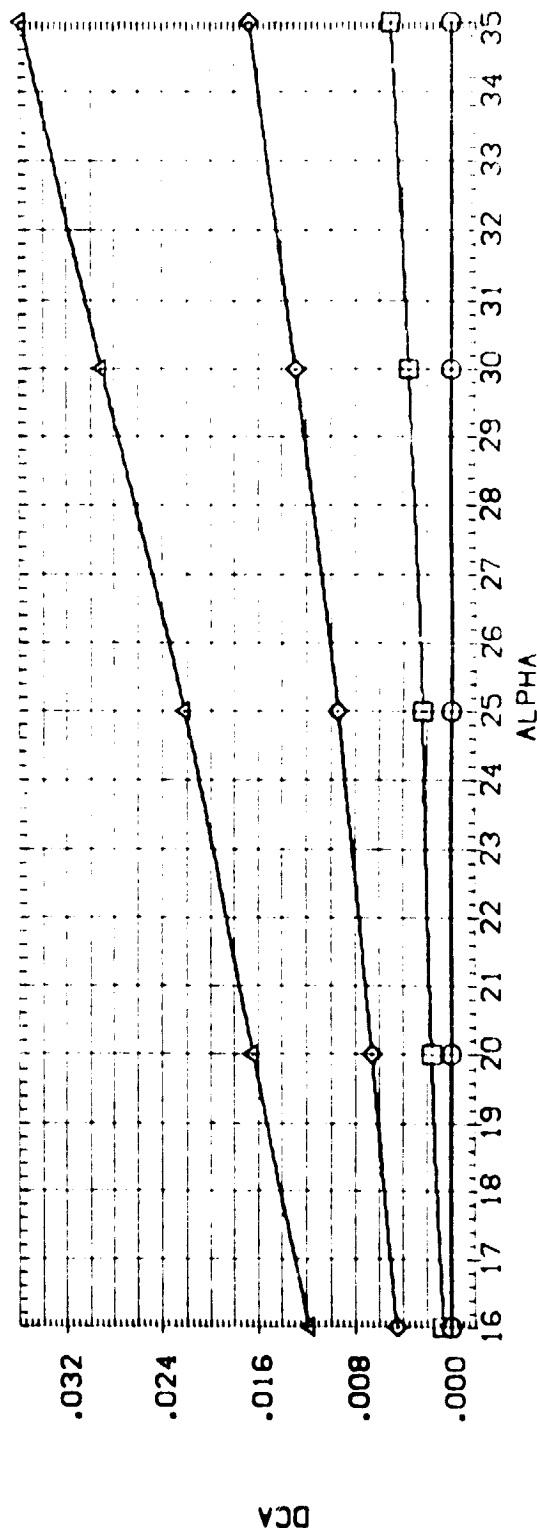
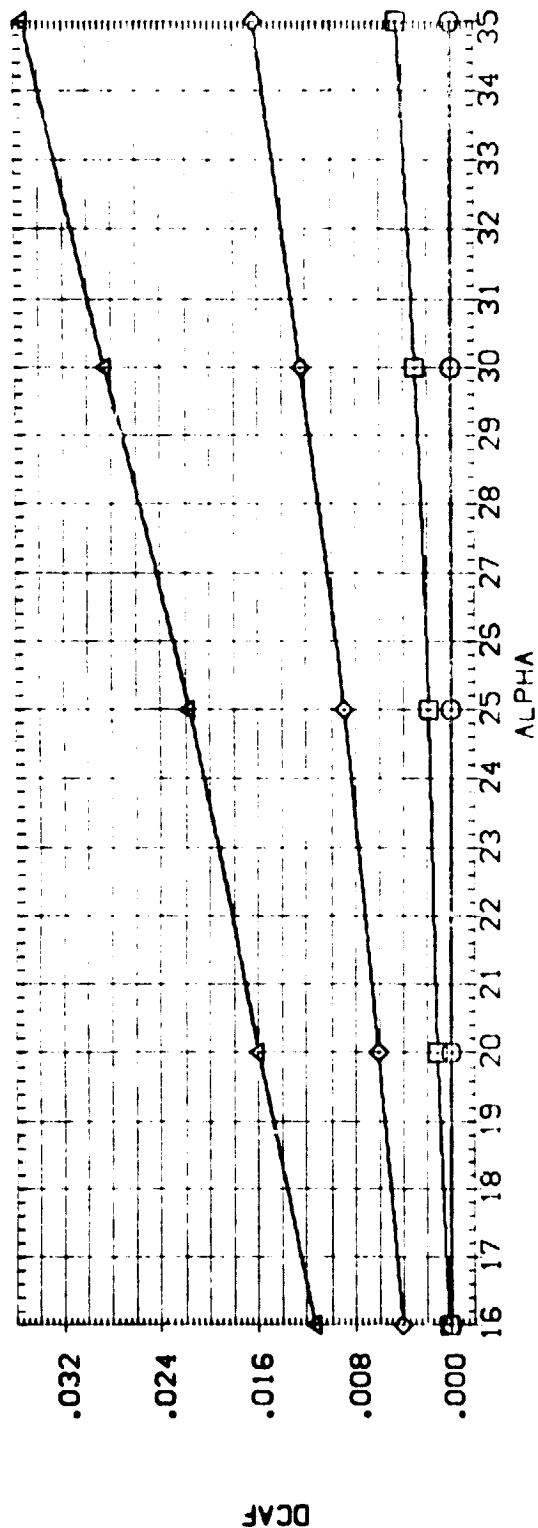


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	REFERENCE INFORMATION
(C) (1)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (2)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (3)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (4)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (5)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (6)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (7)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (8)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (9)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (10)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (11)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (12)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (13)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (14)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (15)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (16)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (17)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (18)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (19)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (20)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (21)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (22)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (23)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (24)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (25)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (26)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (27)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (28)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (29)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (30)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (31)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (32)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (33)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
(C) (34)	AECC (A474.1) (1626) (1626) (1626)	SPR 1000
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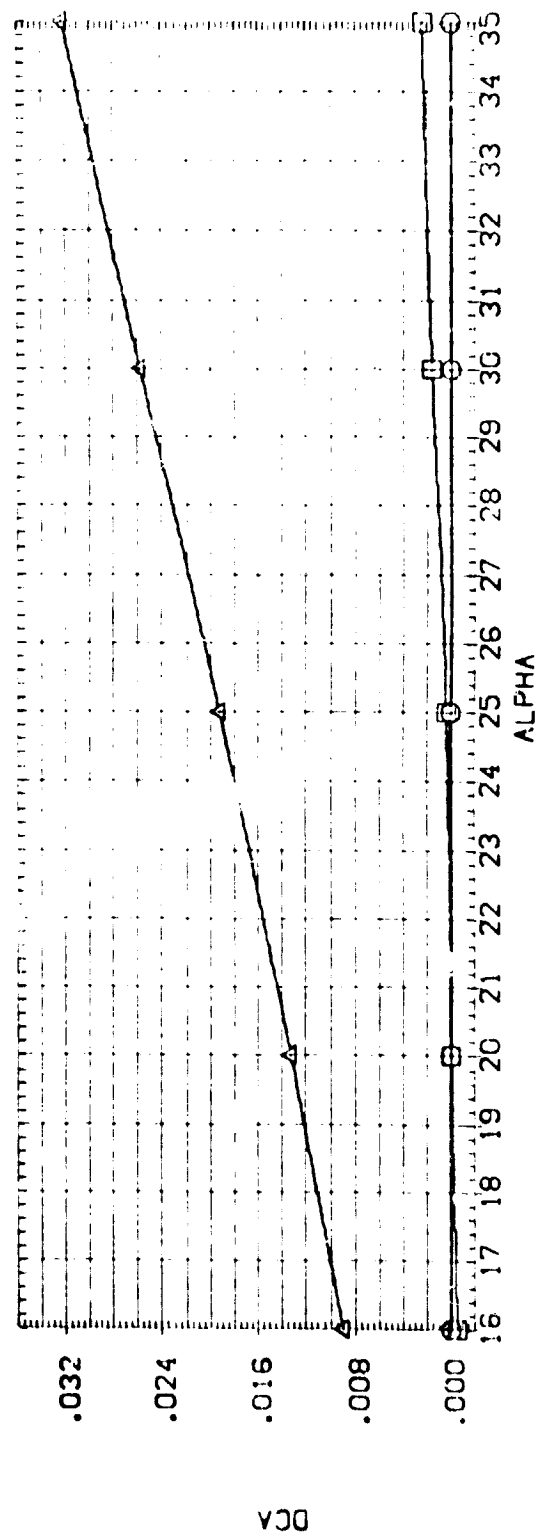
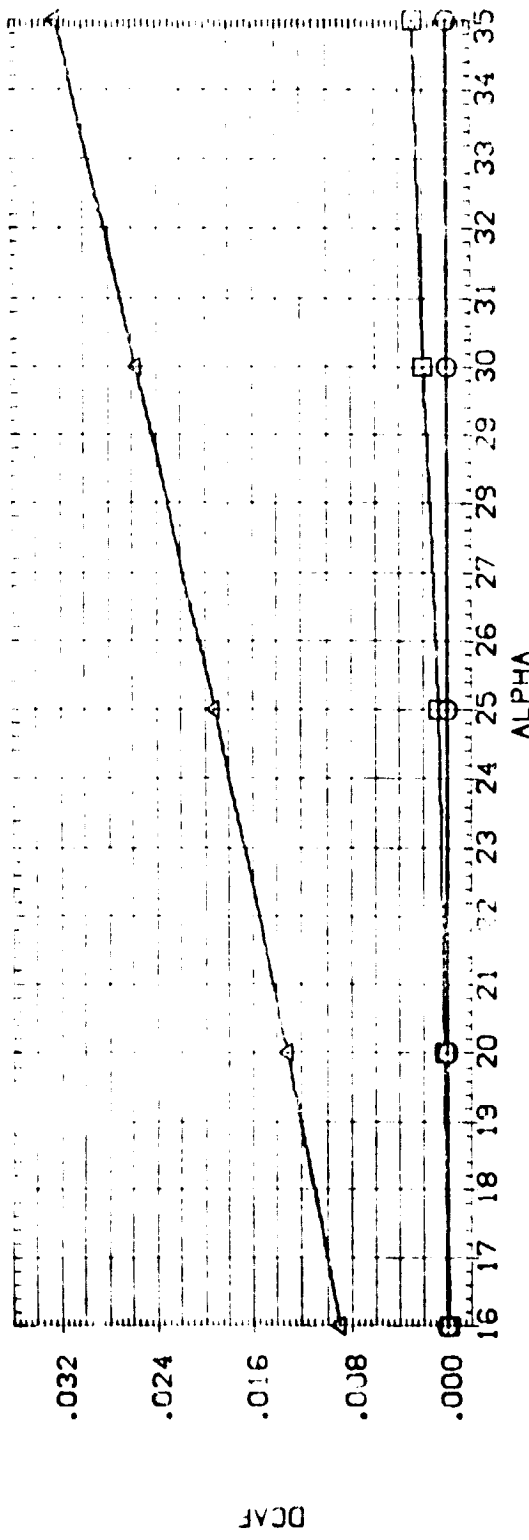


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(C) MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN011)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V895)	.000	-11.700	.000	.000	SREF 87.1560 INCHES
(FTN024)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V895)	5.000	-11.700	.000	.000	LREF 7.1220 INCHES
(FTN025)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V895)	10.000	-11.700	.000	.000	BREF 14.0520 INCHES
(FTN026)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V895)	15.000	-11.700	.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE 0.150

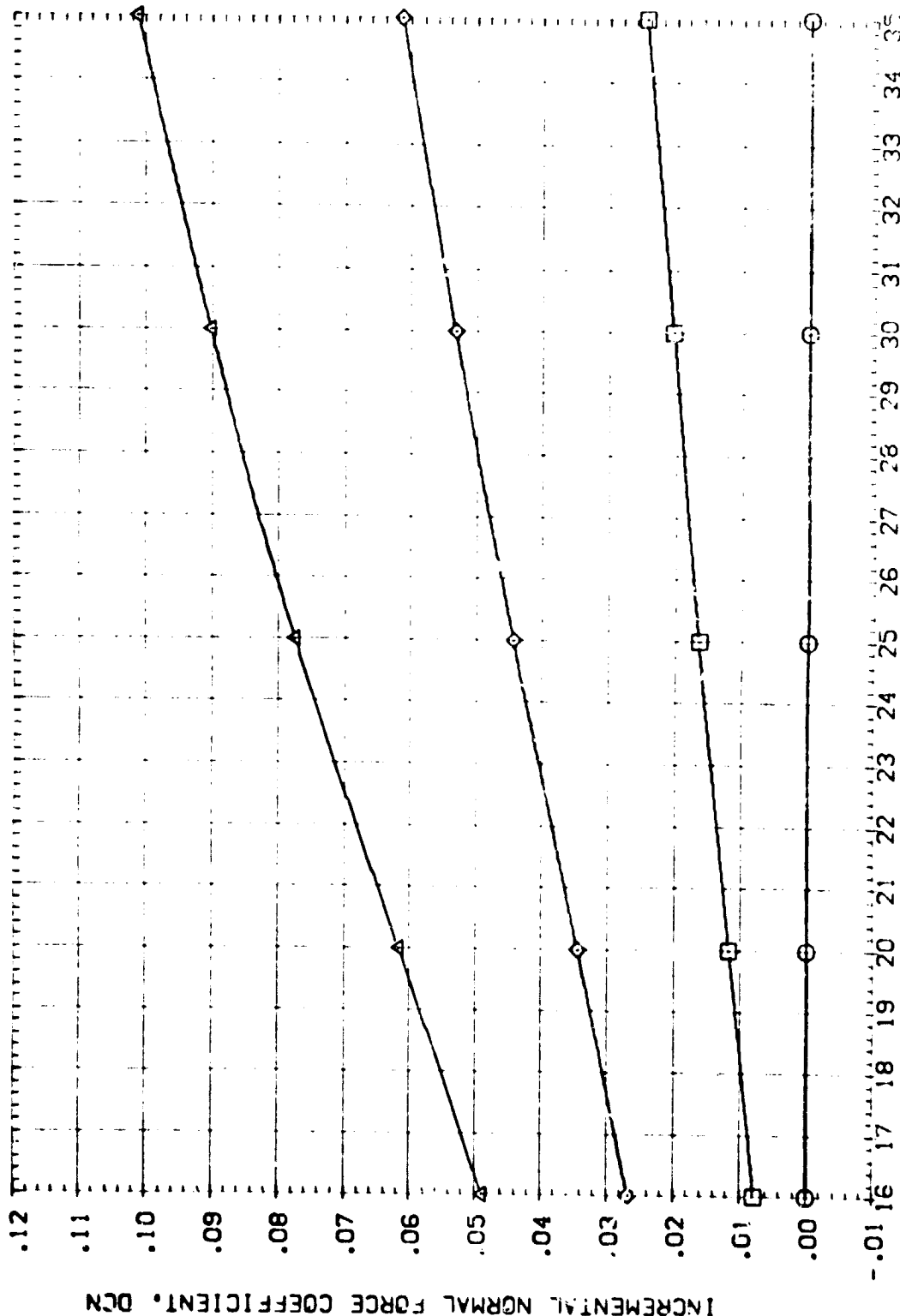


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP = -11.7 DEG.

(A) MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA ELEV	BO FLAP	SPDRK	RUDDER	REFERENCE INFORMATION
[FTN011]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8RS)	.000	-11.700	55.000	.000	SREF 87.1560 50.1N
[FTN024]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8RS)	5.000	-11.700	55.000	.000	LREF 7.1220 NCIES
[FTN025]	DATA NOT AVAILABLE	10.000	-11.700	55.000	.000	BREF 14.0520 NCIES
[FTN026]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8RS)	15.000	-11.700	55.000	.000	YMRP 12.6250 NCIES
						ZMRP .0000 NCIES
						SCALE -.3750 NCIES

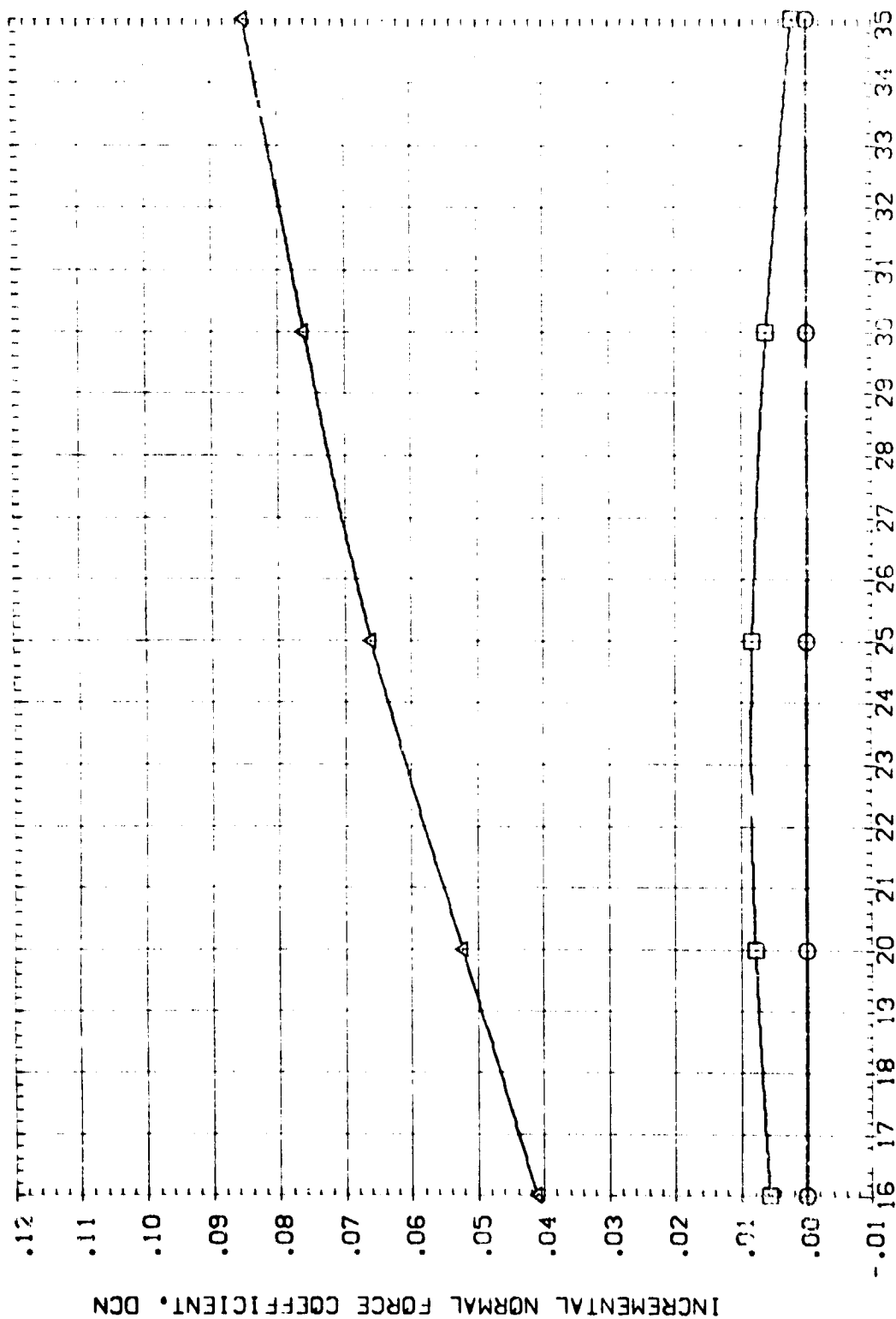
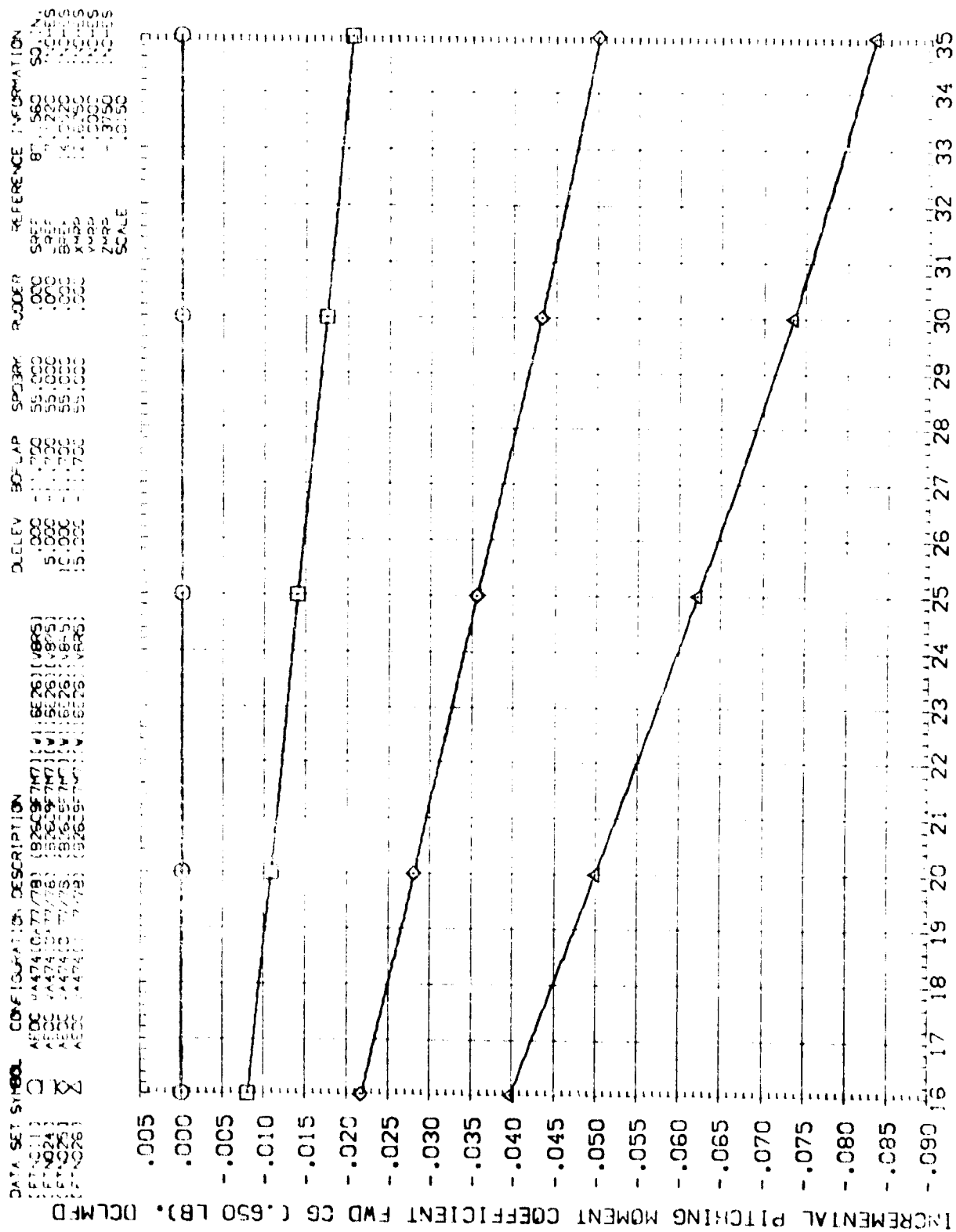


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(FTN011) AEDC VA474 (DA77/78) (B26C9F7M7) (V116E26) (VBRS)

(FTN024) AEDC VA474 (DA77/78) (B26C9F7M7) (V116E26) (VBRS)

(FTN035) AEDC VA474 (DA77/78) (B26C9F7M7) (V116E26) (VBRS)

(FTN036) AEDC VA474 (DA77/78) (B26C9F7M7) (V116E26) (VBRS)

DLELEV BOFLAP SPOBRK RUDDER

.000 -11.700 55.000 .000

5.000 -11.700 55.000 .000

10.000 -11.700 55.000 .000

15.000 -11.700 55.000 .000

REFERENCE INFORMATION

SREF 67.1550 SQ. IN.

LREF 7.1220 INCHES

BREF 4.0520 INCHES

XMRP 12.6250 INCHES

YMRP .0000 INCHES

ZMRP .3750 INCHES

SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT FWD CG (.650 LB.), DCLMFD

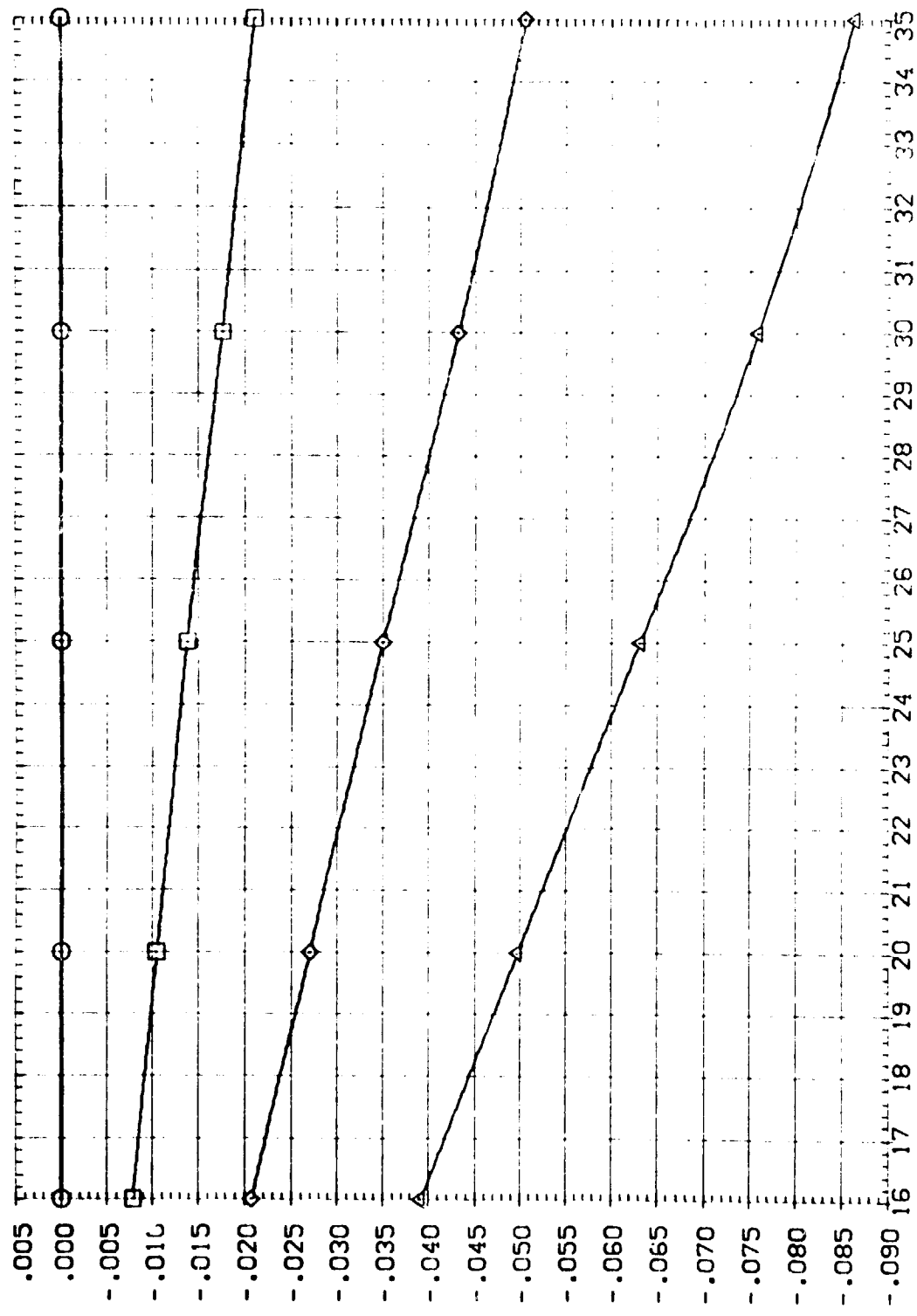


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

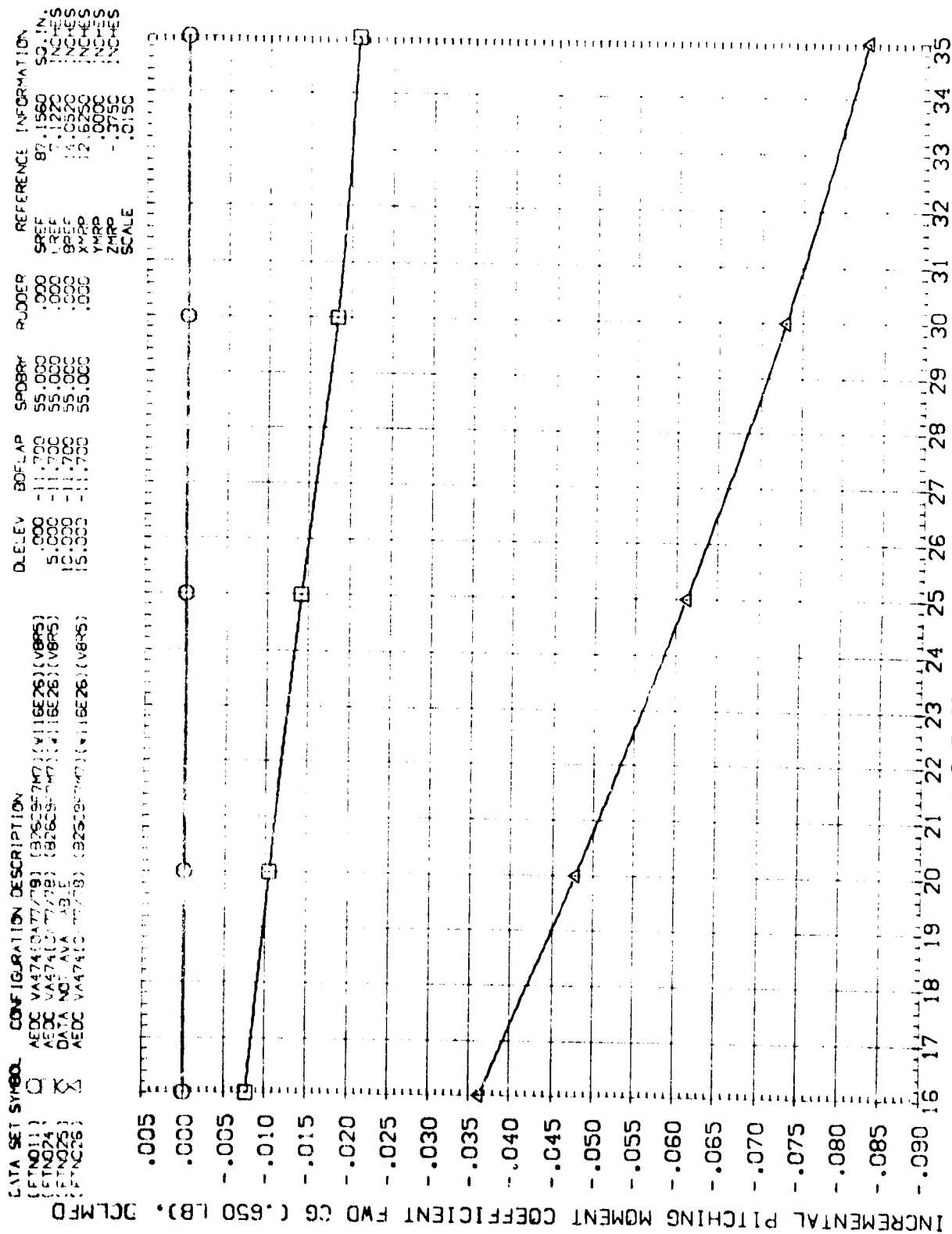


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(C)MACH = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(FTND11) AEDC VA474(0A77/78) (B26CSF747) (V116E26) (VBR5)
 (FTND24) AEDC VA474(0A77/78) (B26CSF747) (V116E26) (VBR5)
 (FTND25) AEDC VA474(0A77/78) (B26CSF747) (V116E26) (VBR5)
 (FTND26) AEDC VA474(0A77/78) (B26CSF747) (V116E26) (VBR5)

DLELEV BOFLAP SPOBRK RUDDER REFERENCE INFORMATION
 .000 -11.700 55.000 .000 SREF 87.1560 50.1N.
 5.000 -11.700 55.000 .000 LREF 7.1220 INCHES
 10.000 -11.700 55.000 .000 BREF 14.0520 INCHES
 15.000 -11.700 55.000 .000 MRP 12.6750 INCHES
 .000 .0000 INCHES
 ZMRP - .3750 INCHES
 SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB), DCLMAF

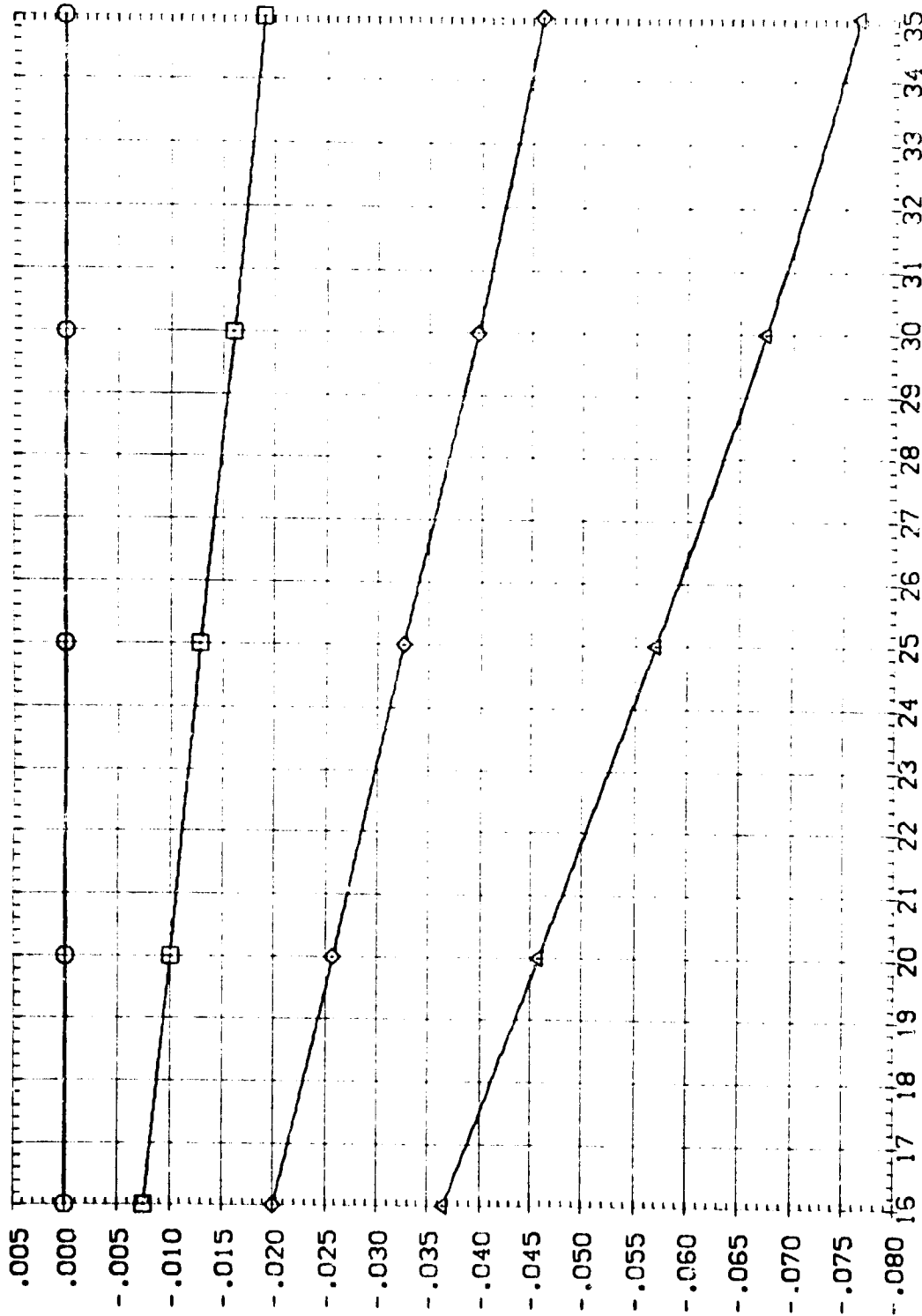


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(A) MACH = 6.00

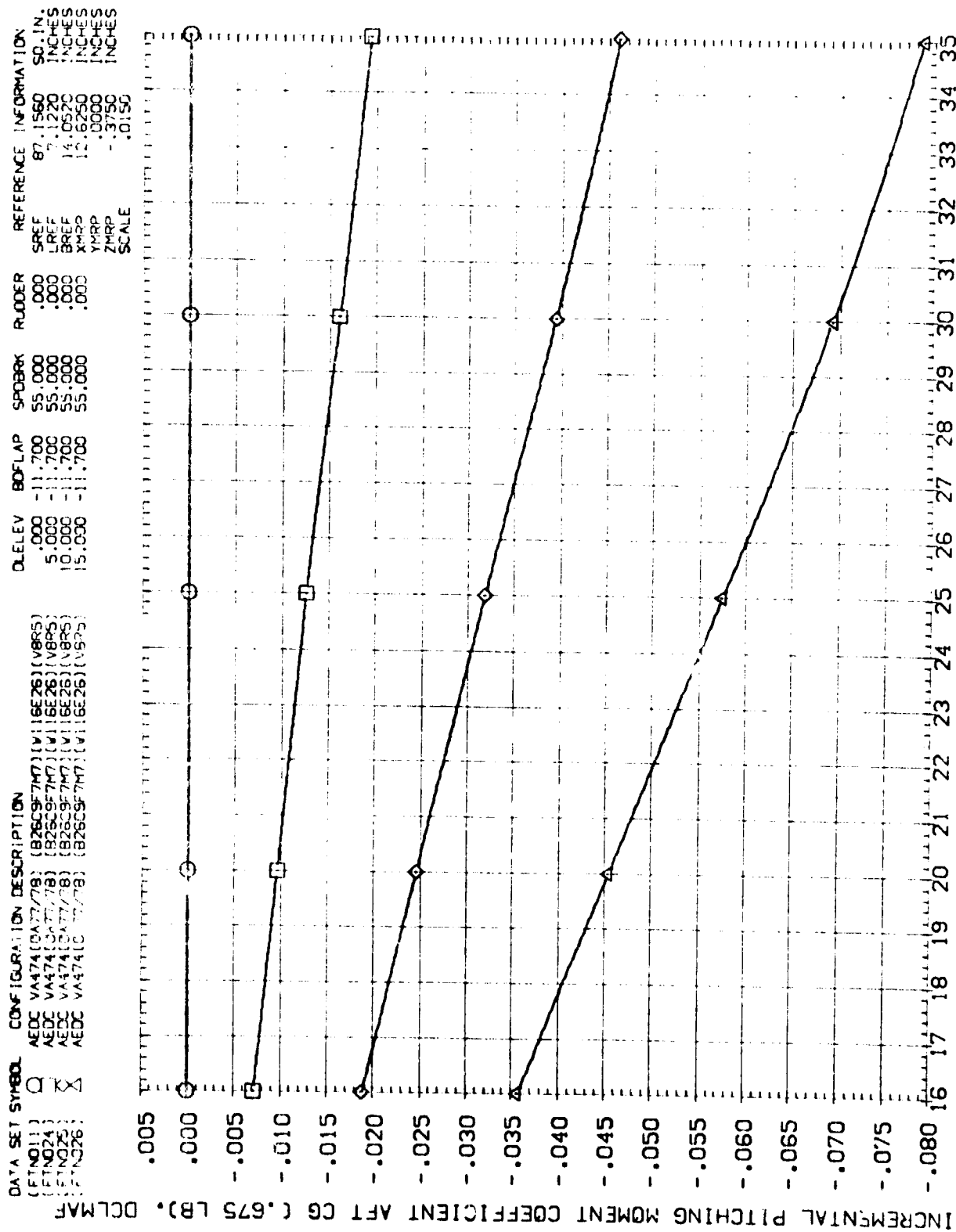


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.

(B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(FTN011)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.030	SREF 87.1560 50 IN.
(FTN024)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	5.000	-11.700	55.000	.000	LREF 7.1220 50 IN.
(FTN025)	DATA NOT AVAILABLE	10.000	-11.700	55.000	.000	LREF 14.0520 50 IN.
(FTN026)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	-11.700	55.000	.000	LREF 14.0520 50 IN.
					.000	XMRP 12.6250 50 IN.
					.000	YMRP 12.6250 50 IN.
					.000	ZMRP 12.6250 50 IN.
					.000	SCALE 10.50

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB). DC/MAT

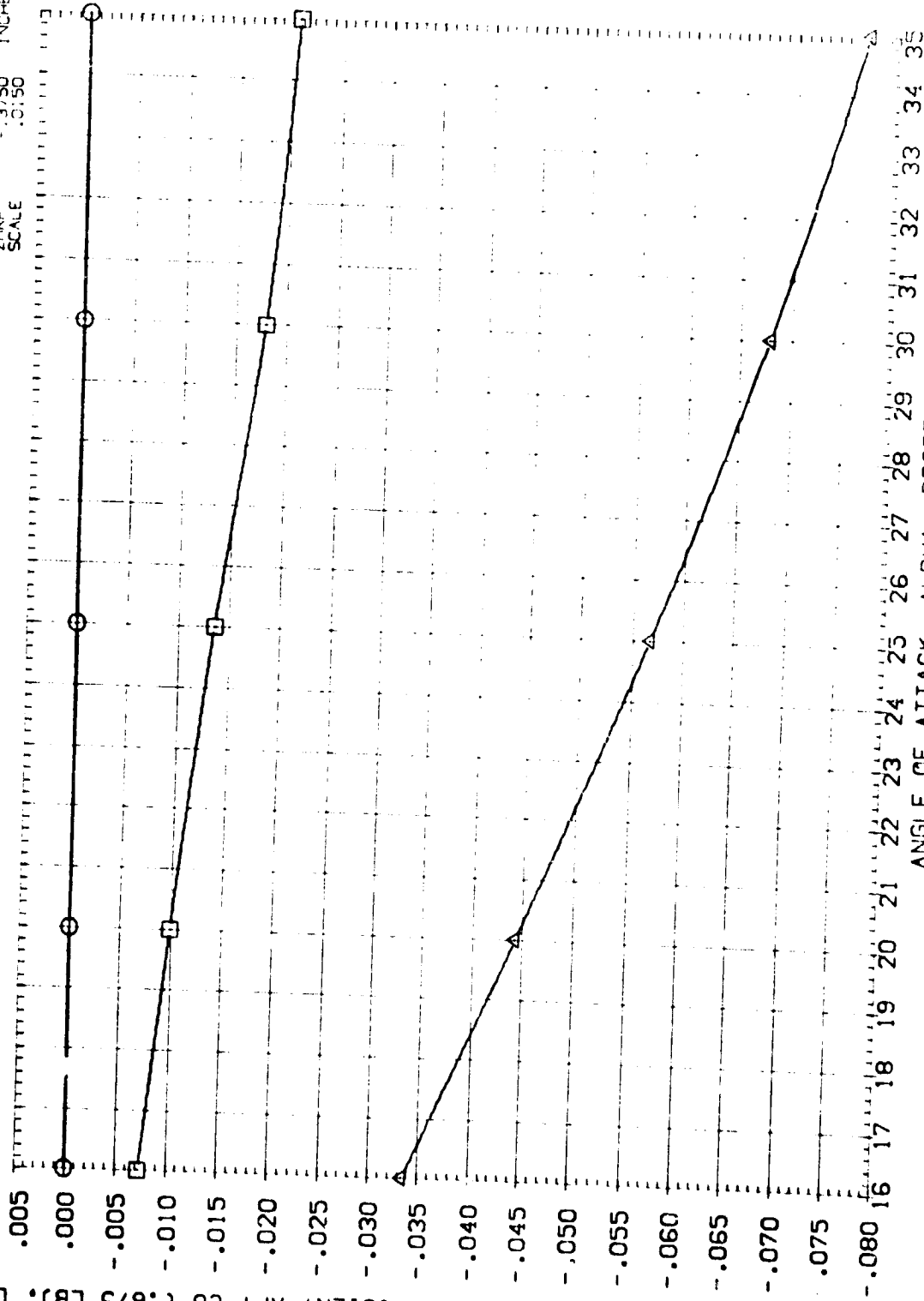
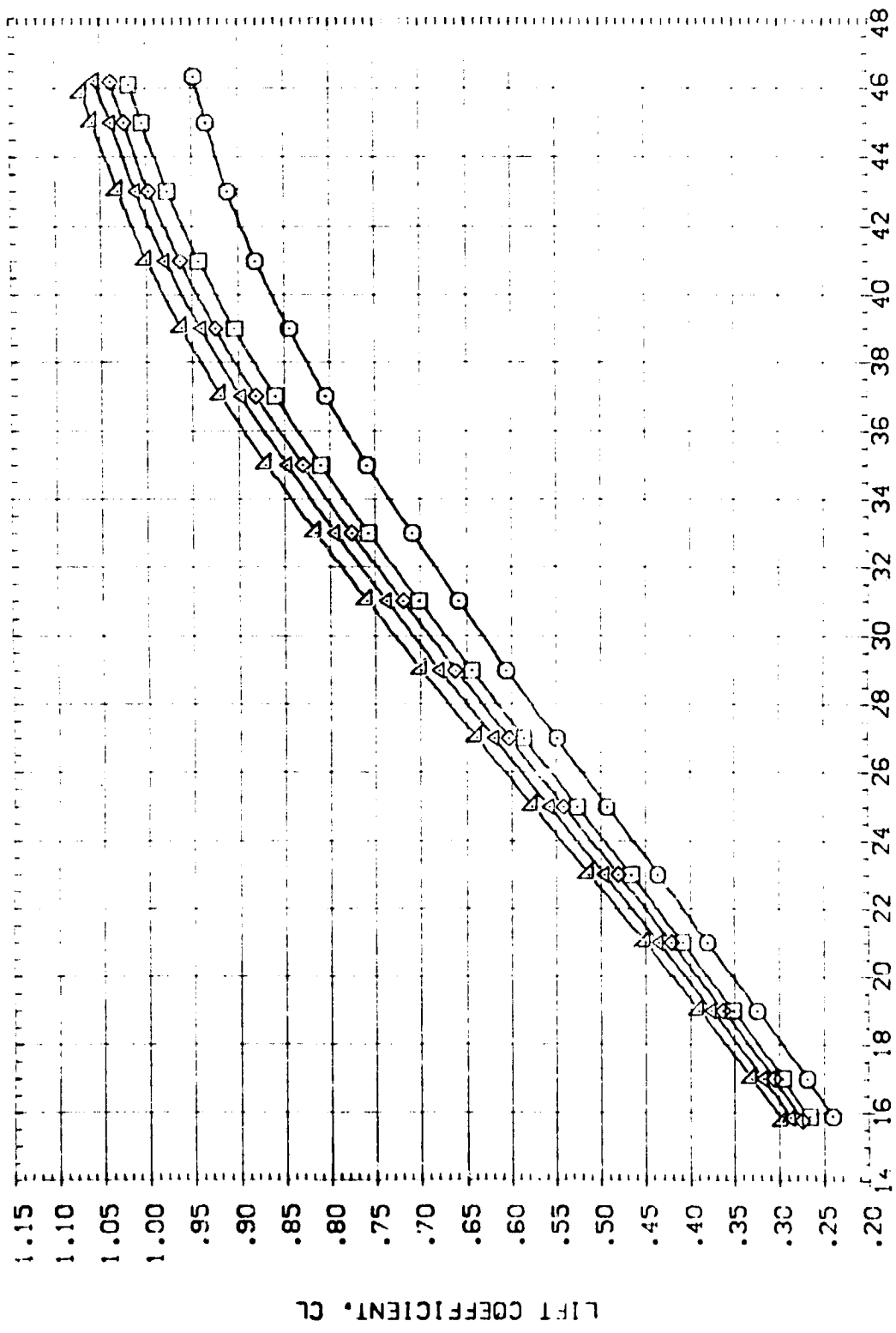


FIG 06 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= -11.7 DEG.
(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SC INCHES
(ATN027)	AEDC VA474(OA77/79) (B26C9-7M7) (V1) (SE26) (VBR5)	-40.000	.000	55.000	.000	SREF 87.1560	55.000
(ATN030)	AEDC VA474(OA77/79) (B26C9-7M7) (V1) (SE26) (VBR5)	-5.000	.000	55.000	.000	LREF 7.1220	55.000
(ATN031)	AEDC VA474(OA77/79) (B26C9-7M7) (V1) (SE26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520	55.000
(ATN04)	AEDC VA474(OA77/79) (B26C9-7M7) (V1) (SE26) (VBR5)	5.000	.000	55.000	.000	XMRP 2.6250	55.000
(ATN042)	AEDC VA474(OA77/79) (B26C9-7M7) (V1) (SE26) (VBR5)	10.000	.000	55.000	.000	YMRP .0000	55.000
						ZMRP -.3750	55.000
						SCALE .0150	



ANGLE OF ATTACK, ALPHA, DEGREES

FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDLAP	SPDRBK	RUOTR	REFERENCE INFORMATION
(ATN027)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	-40.000	.000	55.000	.000	SREF 8.1560 SQ IN.
(ATN030)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	.000	55.000	.000	SREF 14.0220 INCHES
(ATN041)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	5.000	.000	55.000	.000	XMRP .0000 INCHES
(ATN042)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	10.000	.000	55.000	.000	ZMRP .3750 INCHES

SCALE 0.50

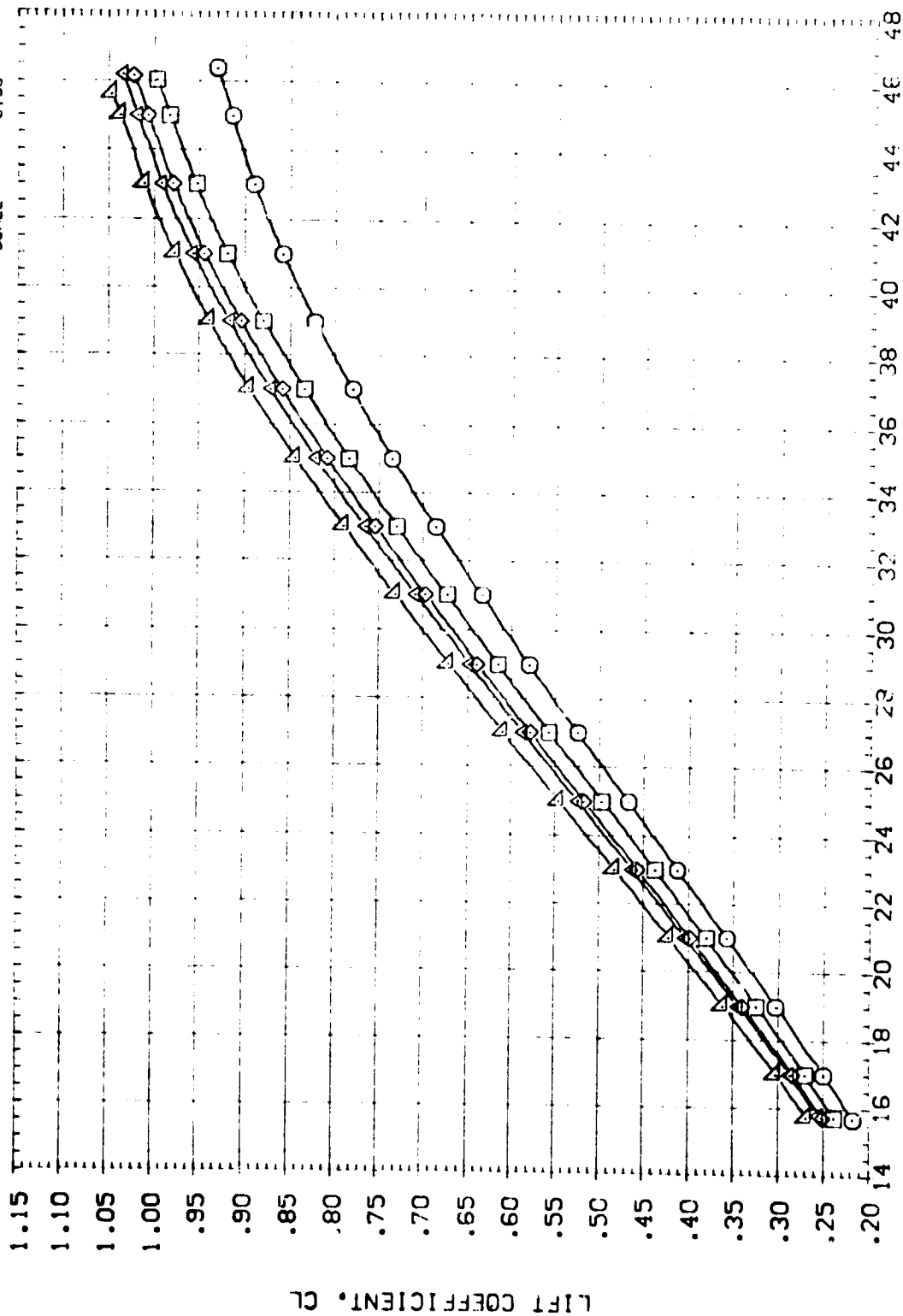


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SY-80L CONFIGURATION DESCRIPTION

CONFIGURATION	DESCRIPTION	ELEVTR	90FLAP	SPOBRK	RUDDER	SREF	REFERENCE INFORMATION
ATN027	474(GA77/78) (B265-747)(V115E26)(V885)	-40.000	.000	55.000	.000	17.1560	50.1A
ATN030	474(GA77/78) (B265-747)(V115E26)(V885)	-5.000	.000	55.000	.000	1.1220	NC-15
ATN031	474(GA77/78) (B265-747)(V115E26)(V885)	.000	.000	55.000	.000	14.0520	NC-15
ATN041	474(GA77/78) (B265-747)(V115E26)(V885)	5.000	.000	55.000	.000	12.6250	NC-15
ATN042	474(GA77/78) (B265-747)(V115E26)(V885)	10.000	.000	55.000	.000	.0000	NC-15
						ZMRP	NC-15
						ZMRP	NC-15
						SCALE	0.150

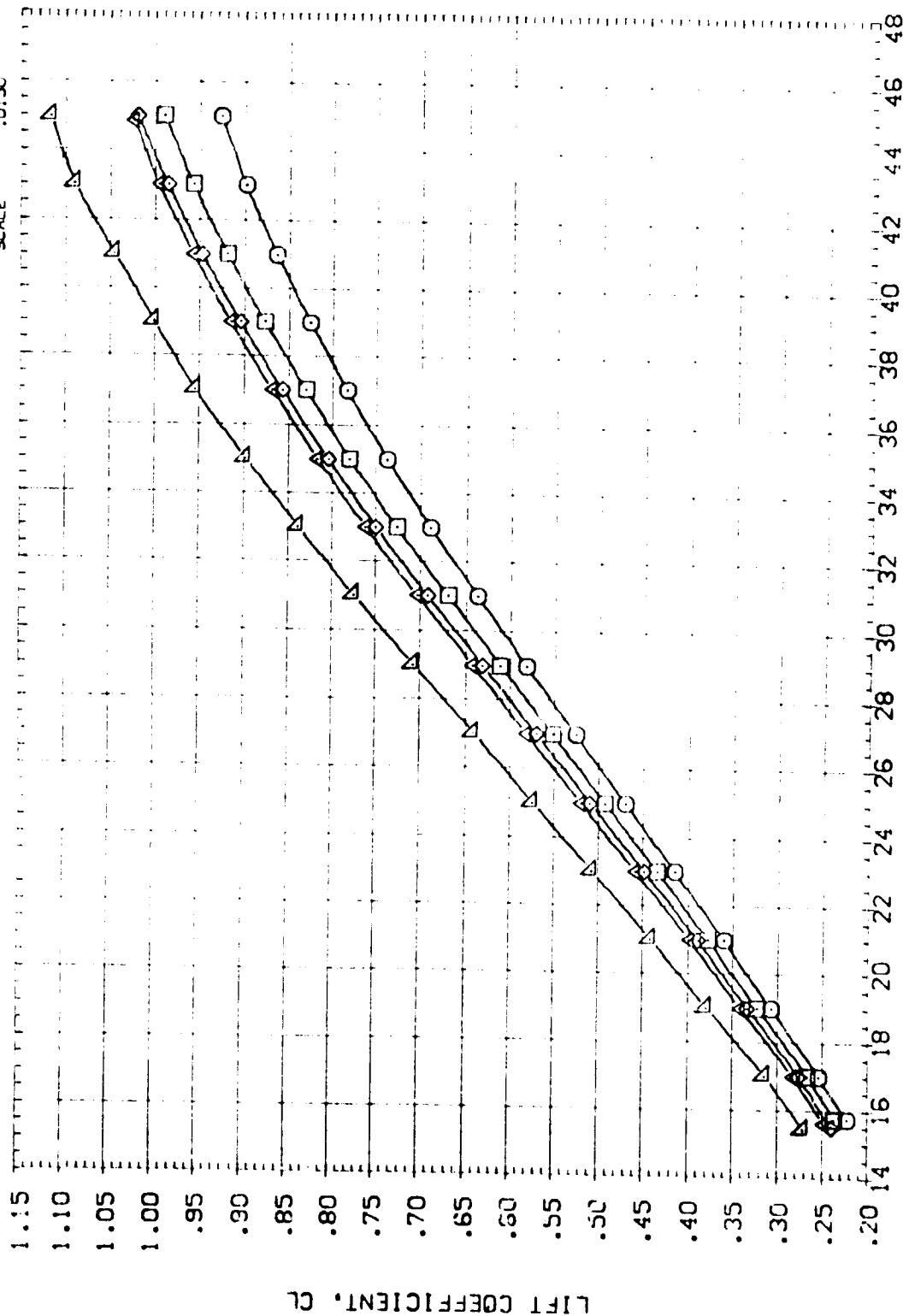


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(COMACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN027)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-40.000	.000	55.000	.000	SREF 87.1560 SO. IN.
(ATN030)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(ATN041)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	5.000	.000	55.000	.000	XMRP 12.8250 INCHES
(ATN042)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	10.000	.000	55.000	.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

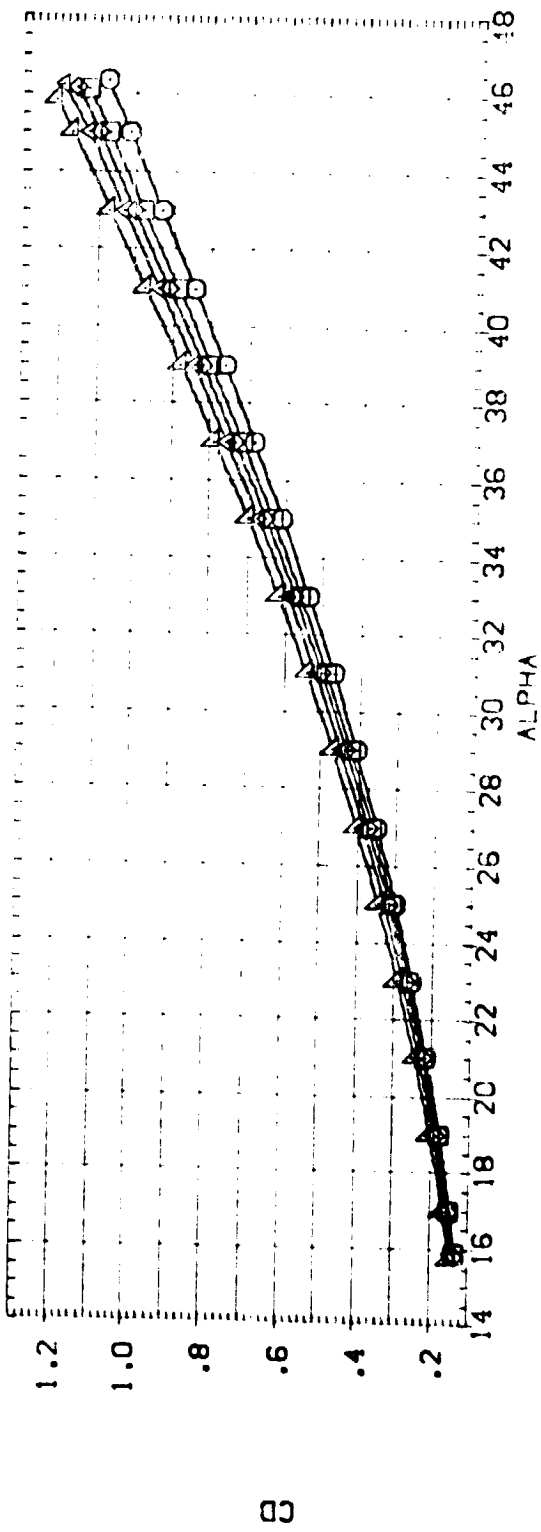
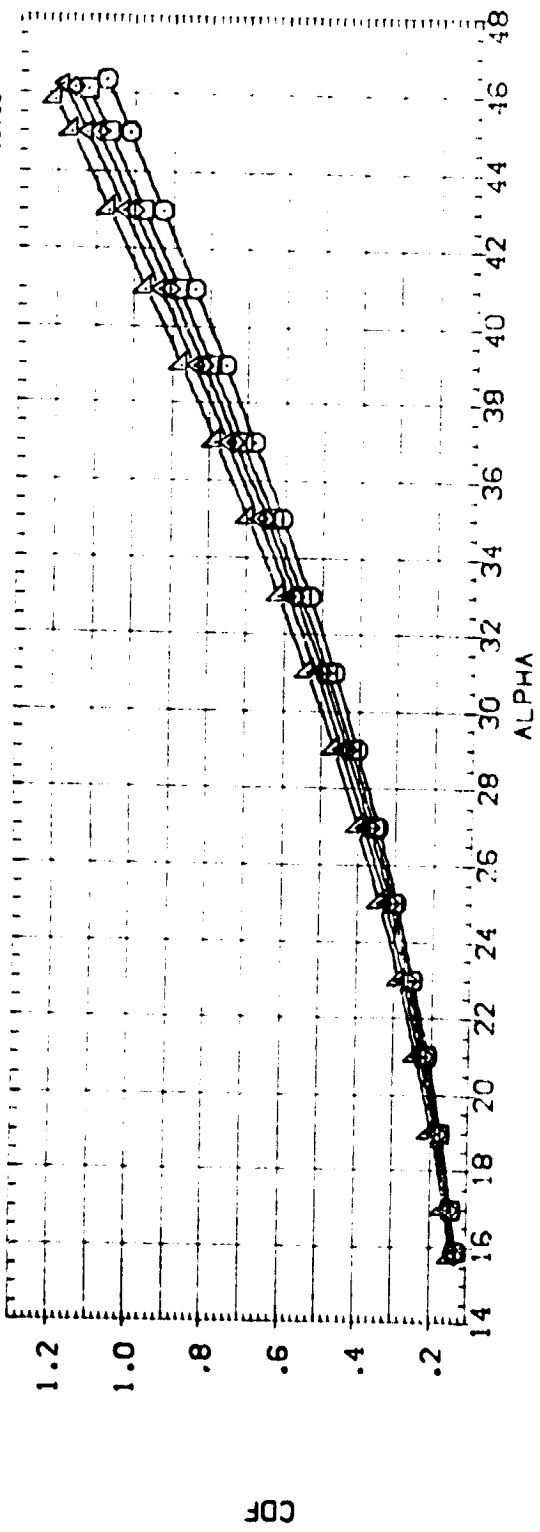


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MACH = 5.95



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBR	RJODR	REFERENCE INFORMATION
[ATN027]	AEDC V4174(3A77/78) (B26C97M7)(V115E26)(V8R5)	-40.000	.000	55.000	.000	SREF 87.1560 SO IN.
[ATN030]	AEDC V4174(3A77/78) (B26C97M7)(V115E26)(V8R5)	-5.000	.000	55.000	.000	LRFL 7.1220 INCHES
[ATN031]	AEDC V4174(3A77/78) (B26C97M7)(V115E26)(V8R5)	.000	.000	55.000	.000	BRFL 14.0320 INCHES
[ATN041]	AEDC V4174(3A77/78) (B26C97M7)(V115E26)(V8R5)	5.000	.000	55.000	.000	XRFL 12.6250 INCHES
[ATN042]	AEDC V4174(3A77/78) (B26C97M7)(V115E26)(V8R5)	10.000	.000	55.000	.000	ZRFL 1.0000 INCHES
						SCALE 1.50

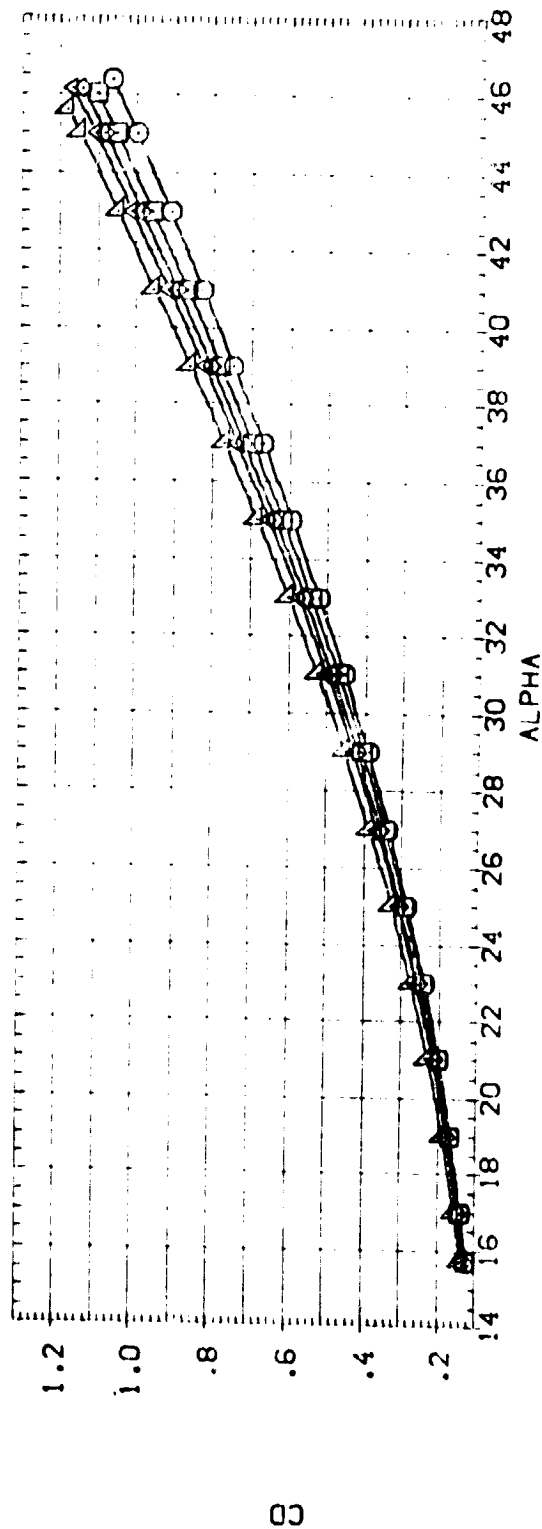
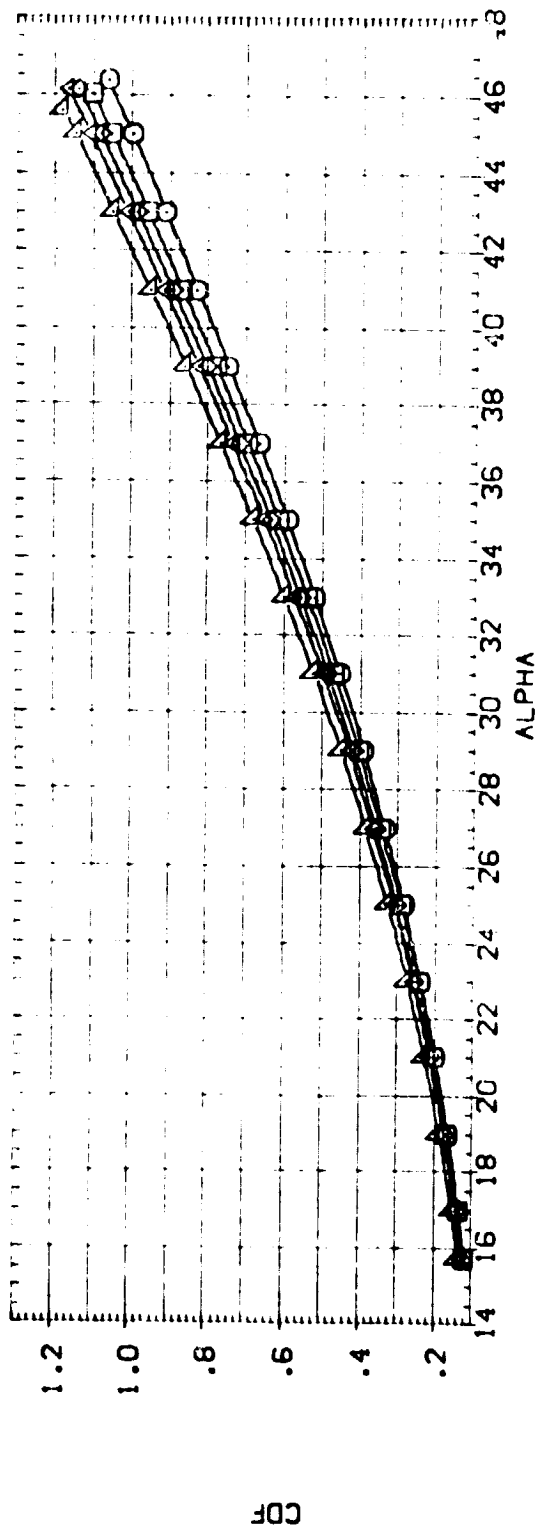


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION	SCALE
[ATN027]	AEDC VA474 (0477/78) (B26C97M7) (V16E26) (V8R5)	-10.000	.000	55.000	.000	SREF 87.1530	SCALES
[ATN030]	AEDC VA474 (0477/78) (B26C97M7) (V16E26) (V8R5)	-5.000	.000	55.000	.000	LREF 12.1270	SCALES
[ATN031]	AEDC VA474 (0477/78) (B26C97M7) (V16E26) (V8R5)	.000	.000	55.000	.000	BRE 14.0520	SCALES
[ATN041]	AEDC VA474 (0477/78) (B26C97M7) (V16E26) (V8R5)	5.000	.000	55.000	.000	YMRP 2.6250	SCALES
[ATN042]	AEDC VA474 (0477/78) (B26C97M7) (V16E26) (V8R5)	10.000	.000	55.000	.000	ZMRP 1.3750	SCALES
						SCALE 0.150	

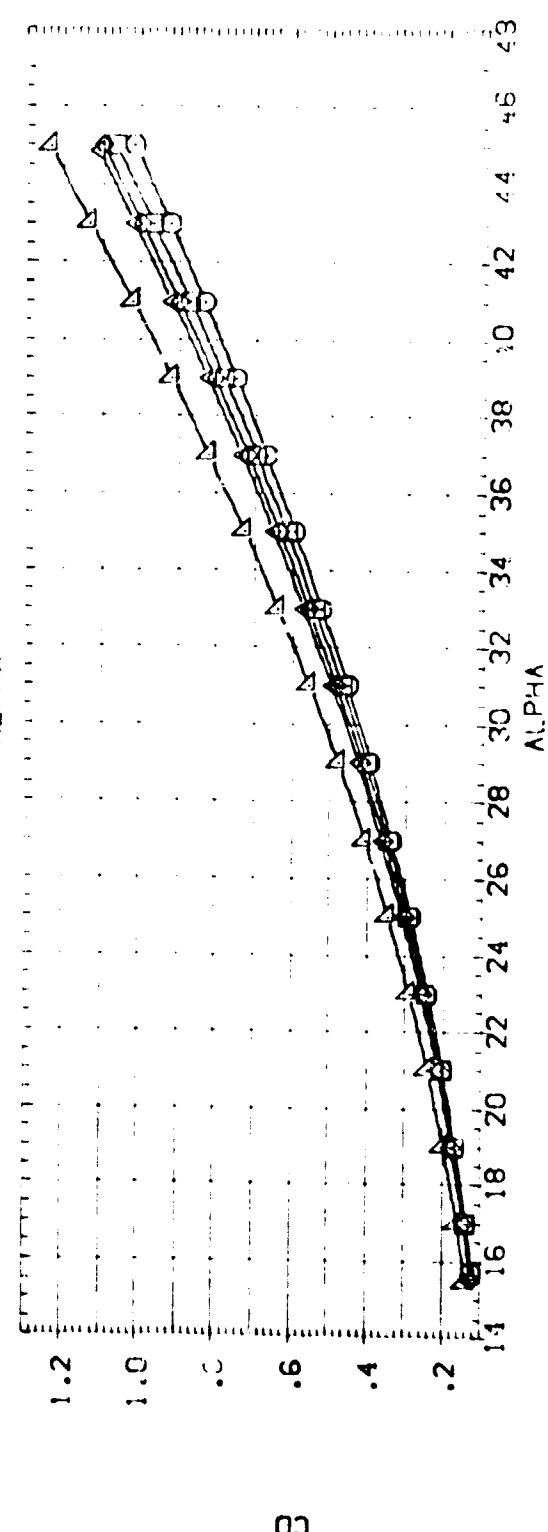
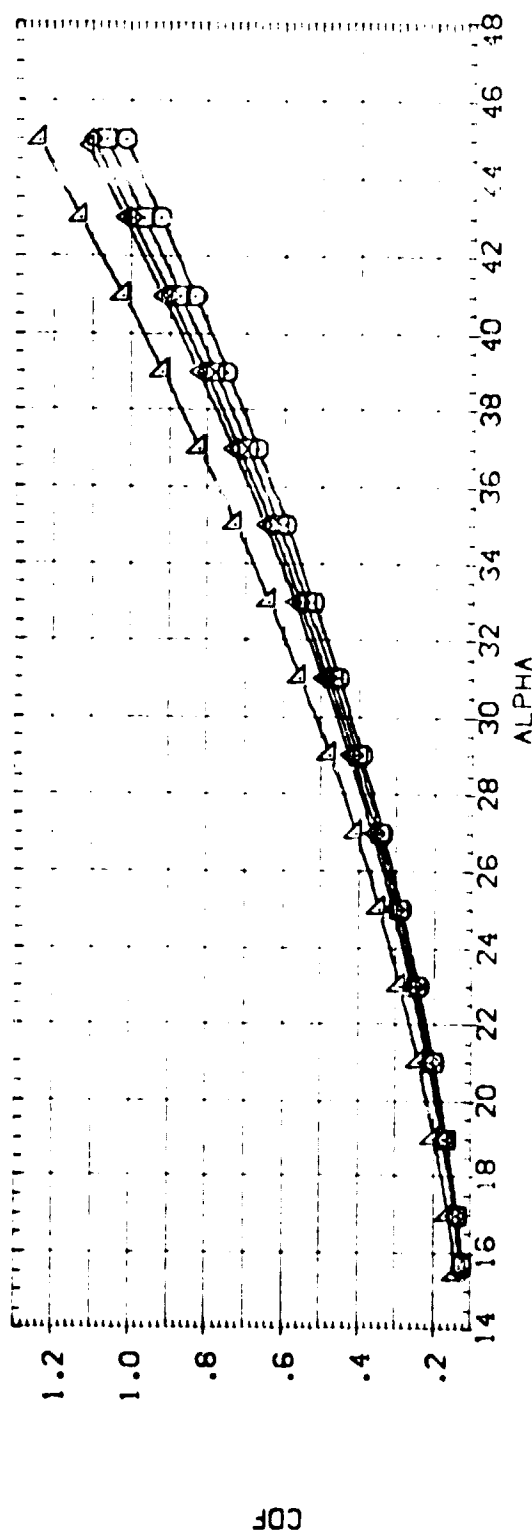


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

COMACH = 10.09



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[AT027]	AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5)	-40.000	.000	55.000	.000	SREF 67.1560
[AT030]	AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5)	-5.000	.000	55.000	.000	LREF 67.1220
[AT031]	AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5)	.000	.000	55.000	.000	BREF 14.0520
[AT041]	AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5)	5.000	.000	55.000	.000	XMRP 12.8250
[AT042]	AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5)	10.000	.000	55.000	.000	YMRP 12.0000
						SCALE 0.150

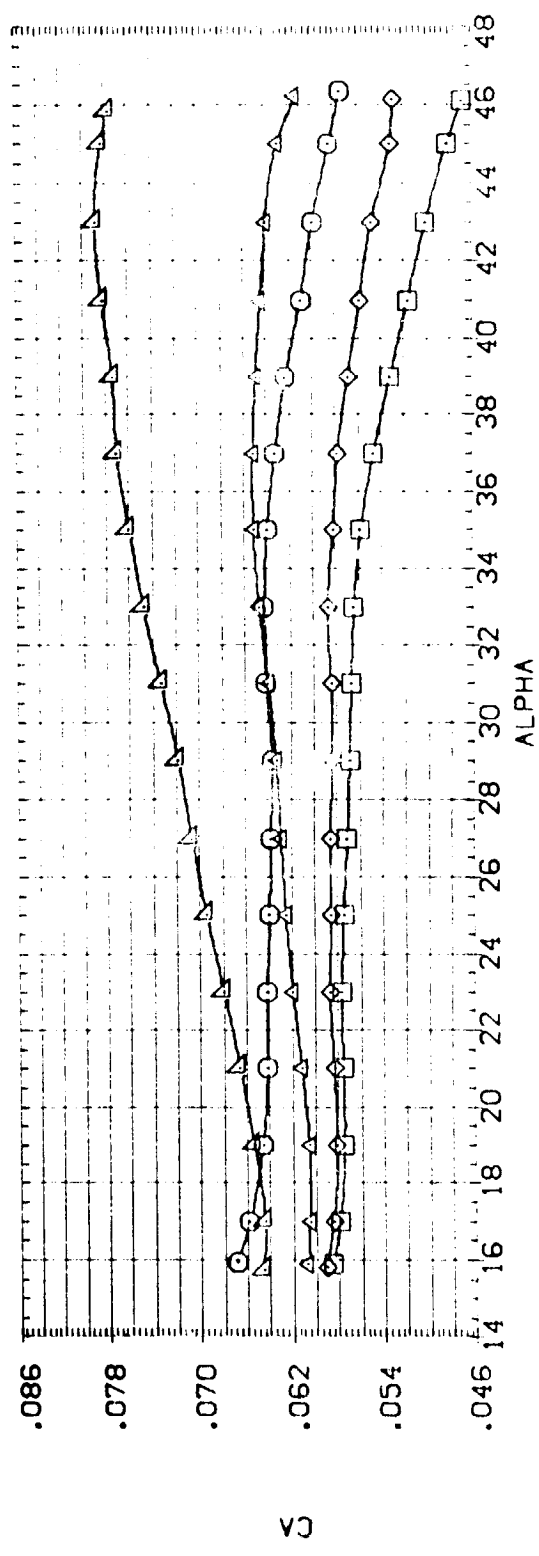
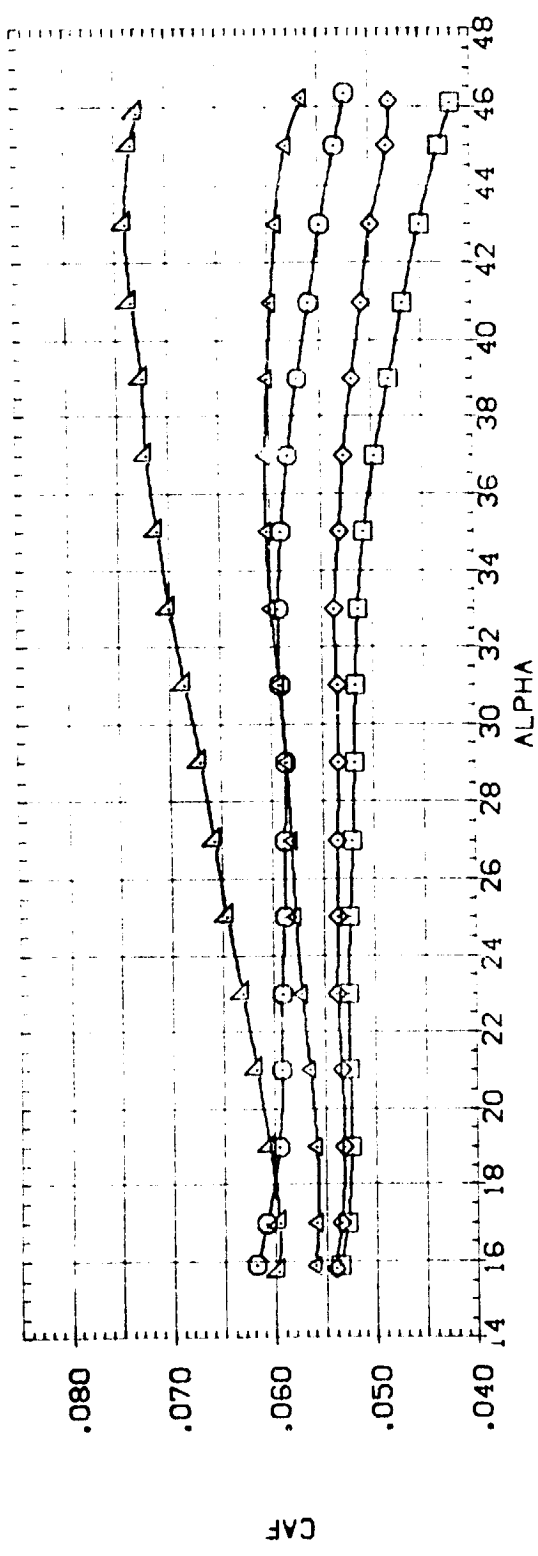


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION	SO. IN.
[ATN027]	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	.000	55.000	.000	SREF 87.1560	INCHES
[ATN030]	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF .1220	INCHES
[ATN031]	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	BREF 14.0520	INCHES
[ATN041]	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBRS)	5.000	.000	55.000	.000	YMRP 12.6250	INCHES
[ATN042]	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBRS)	10.000	.000	55.000	.000	ZMRP .0000	INCHES
						ZMRP .3750	INCHES
						SCALE .0150	

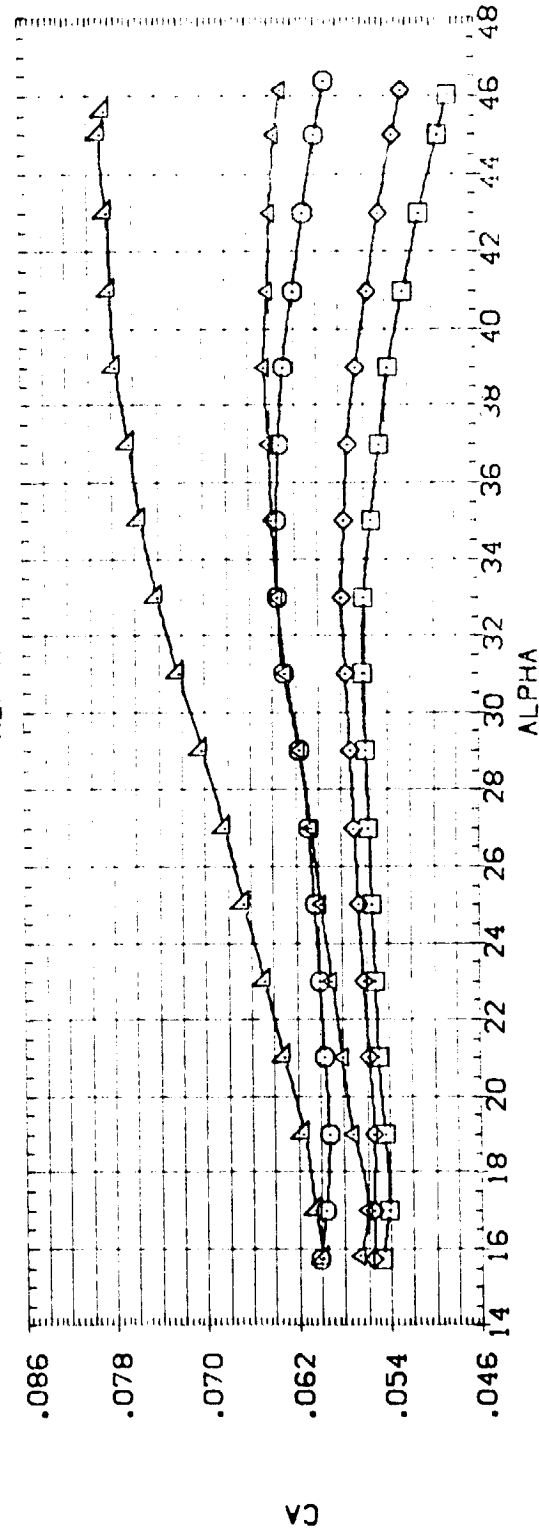
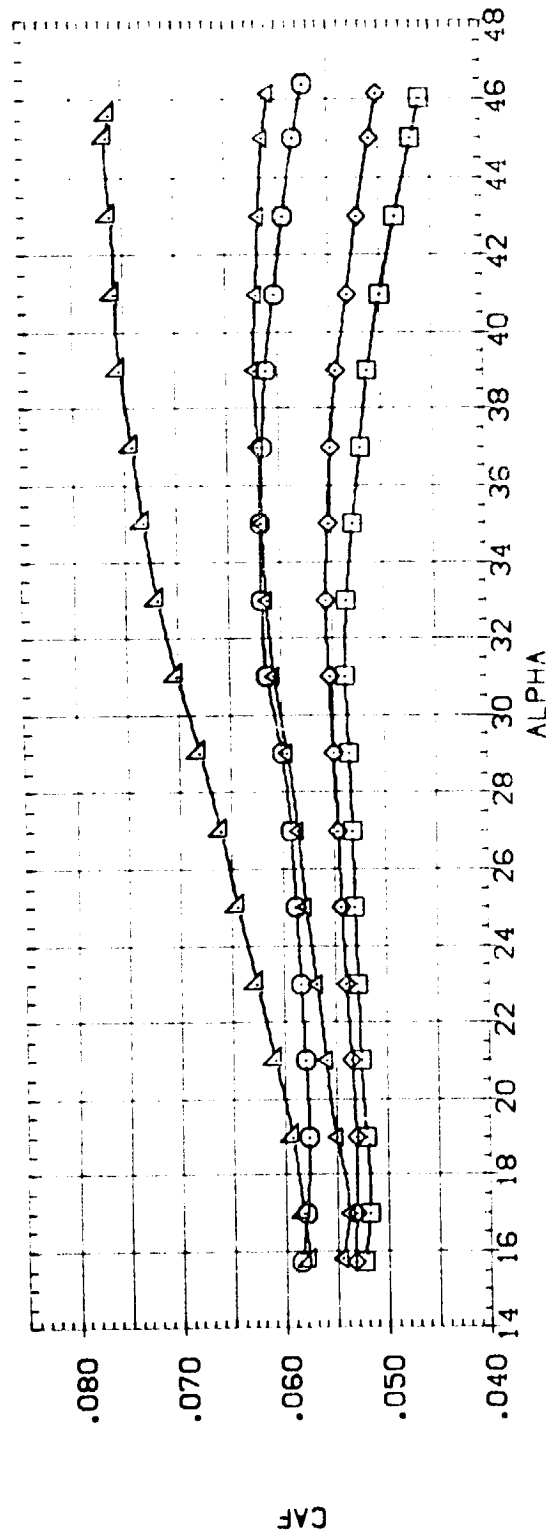


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00



DATA SET SYMBOL CONF [GURATION DESCRIPTION] REFERENCE INFORMATION SCALE

DATA SET SYMBOL	CONF [GURATION DESCRIPTION]	REFERENCE INFORMATION	SCALE
[ATN027]	AEDC VA474(0A77/78) (826C9F7M7) (V1 6E26)(V8RS)	SREF 87.1560	52.1N
[ATN030]	AEDC VA474(0A77/78) (826C9F7M7) (V1 6E26)(V8RS)	LREF 7.122C	NCIES
[ATN031]	AEDC VA474(0A77/78) (826C9F7M7) (V1 6E26)(V8RS)	BREF 14.052C	NCIES
[ATN041]	AEDC VA474(0A77/78) (826C9F7M7) (V1 6E26)(V8RS)	YMRP 2.625C	NCIES
[ATN042]	AEDC VA474(0A77/78) (826C9F7M7) (V1 6E26)(V8RS)	ZMRP .000C	NCIES
		ZMRP -.375C	NCIES
			.013C

ELEVTR BOFLAP SPDRBK RUDDER

ELEVTR	BOFLAP	SPDRBK	RUDDER
-10.000	.000	55.000	.000
-5.000	.000	55.000	.000
.000	.000	55.000	.000
5.000	.000	55.000	.000
10.000	.000	55.000	.000

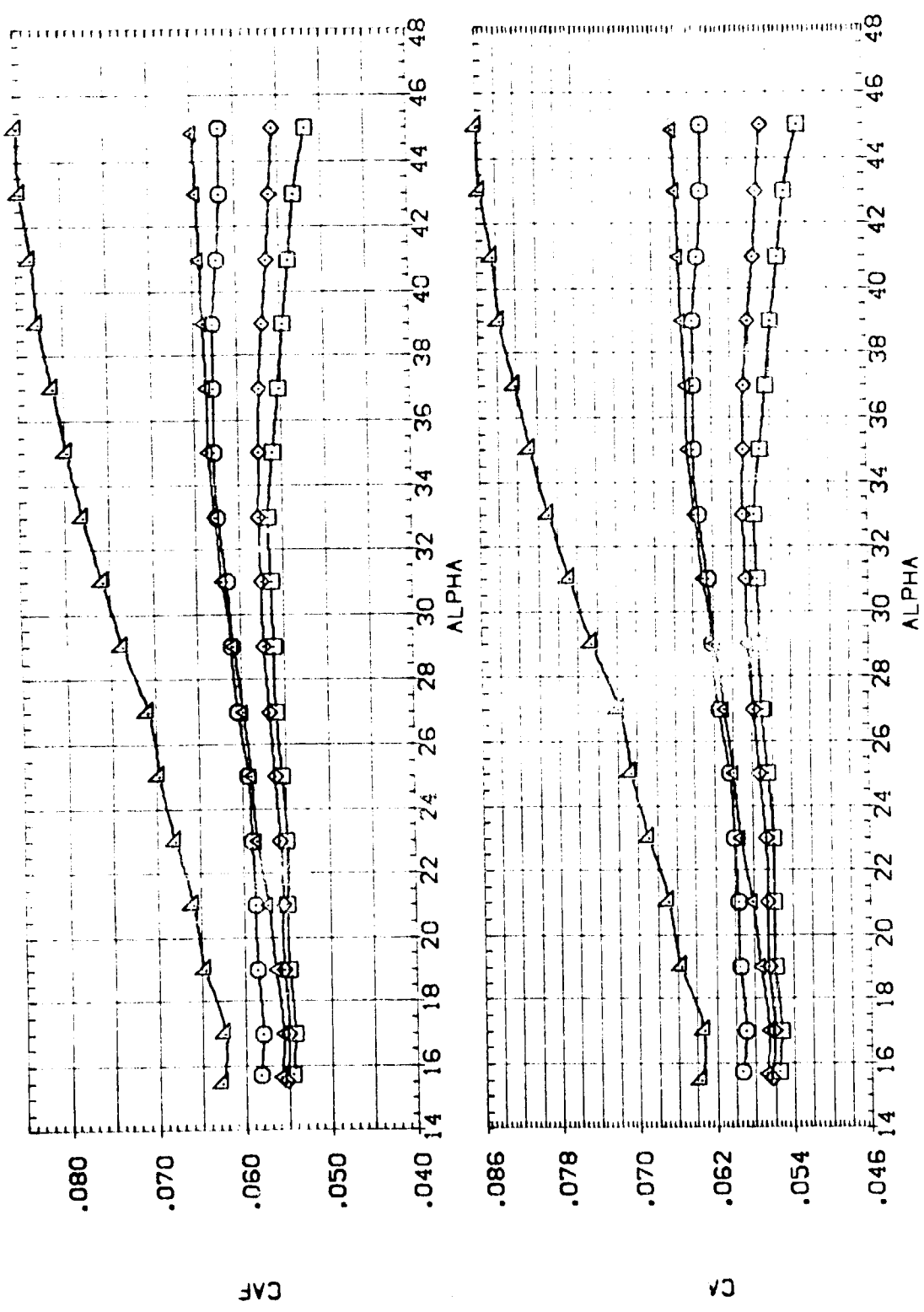


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO IN.
[ATN027]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBRS)	40.000	.000	55.000	.000	SREF	87.1560
[ATN030]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF	7.1220
[ATN031]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	BREF	14.0320
[ATN041]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.000	.000	55.000	.000	XMRP	12.6250
[ATN042]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBRS)	10.000	.000	55.000	.000	ZMRP	.0000
						SCALE	.0150

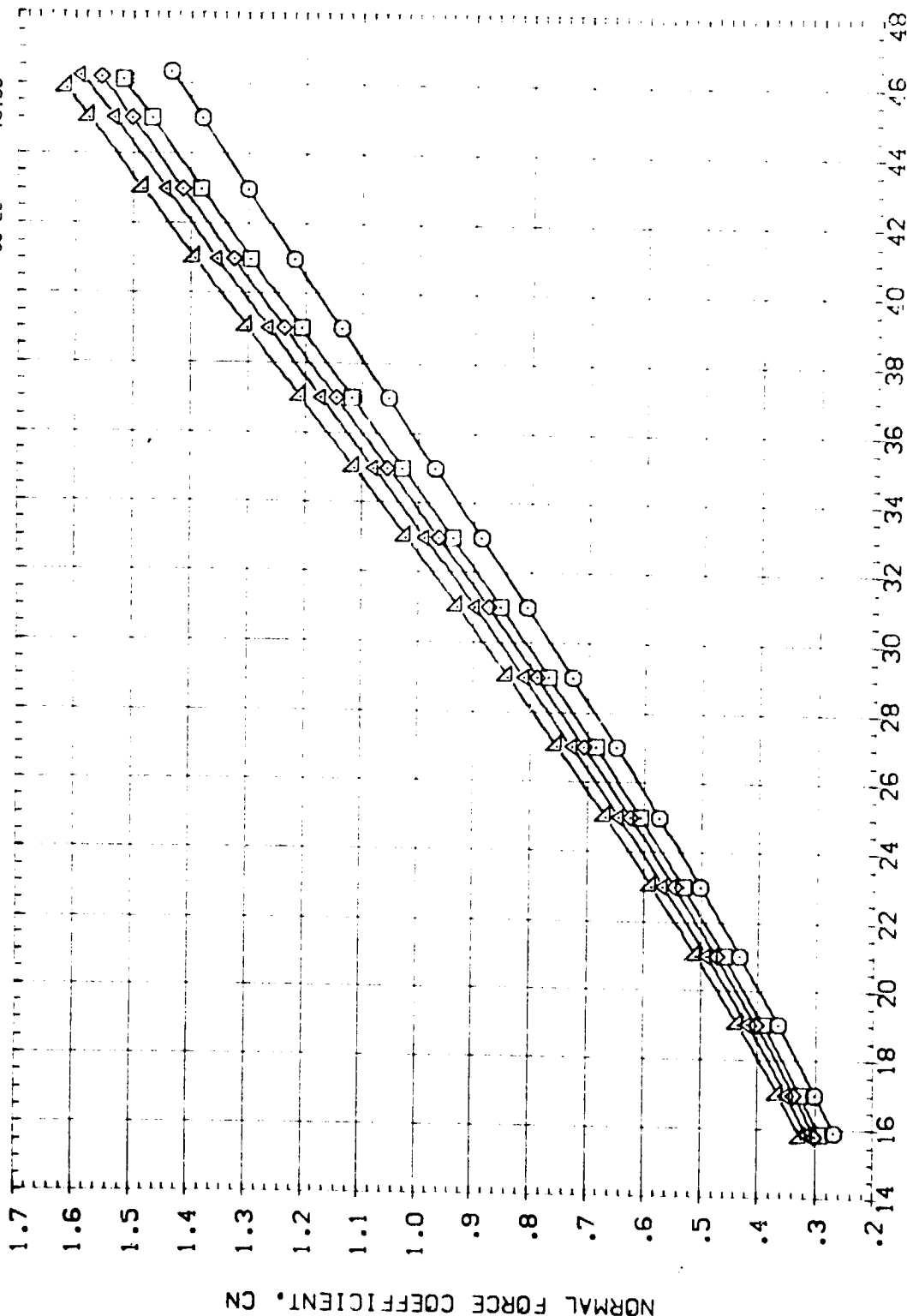


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATND27]	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (VBR5)	-40.000	.000	55.000	.000	SREF 87.1560 50. IN.
[ATND30]	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATND31]	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
[ATND41]	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	.000	55.000	.000	YMRP 12.6250 INCHES
[ATND42]	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	.000	55.000	.000	ZMRP 1.0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

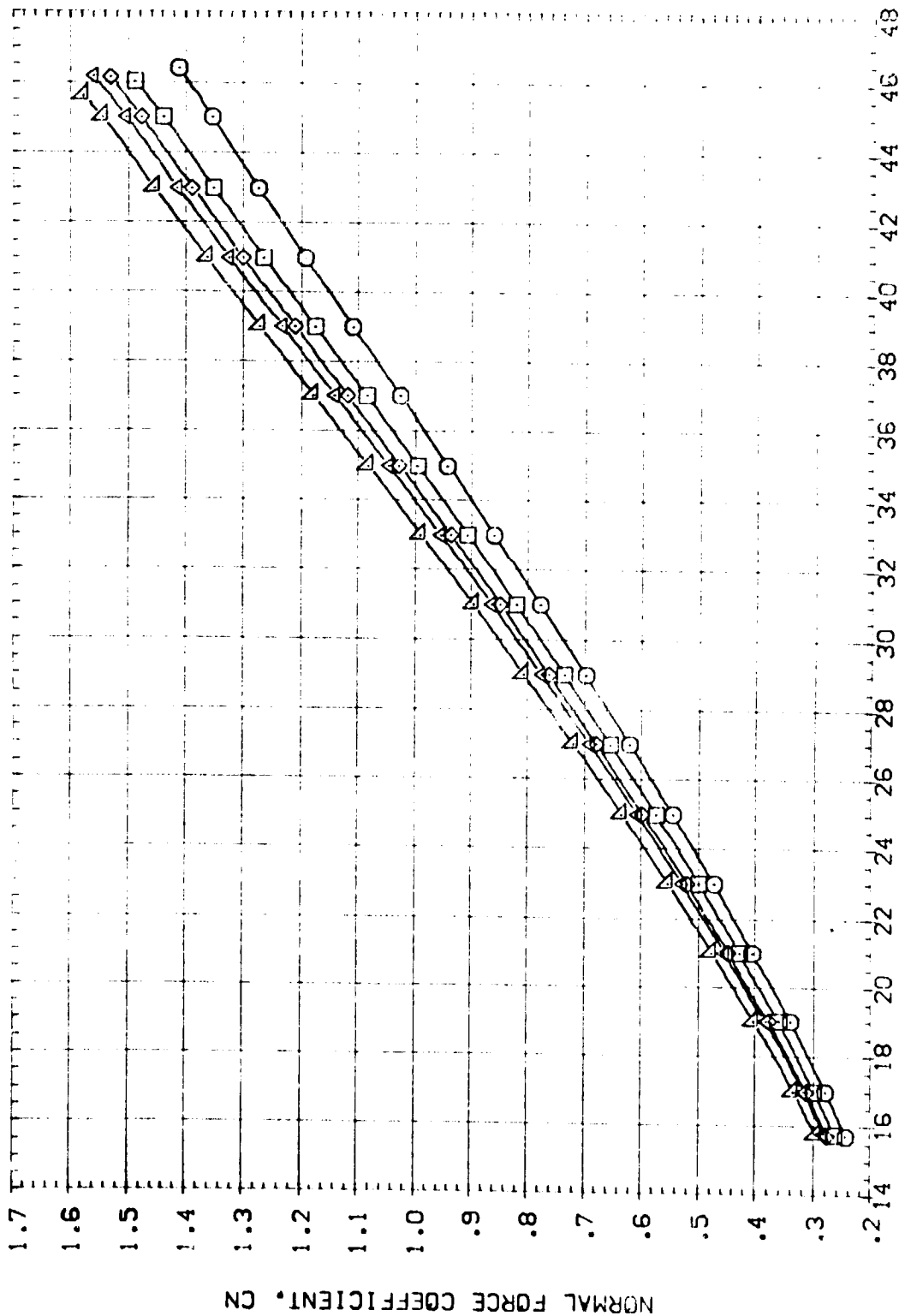


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN027]	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8P5)	-10.000	.000	55.000	.000	SREF 8.1560
[ATN030]	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8P5)	-5.000	.000	55.000	.000	LREF 1.1220
[ATN031]	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8P5)	.000	.000	55.000	.000	SREF 14.0520
[ATN041]	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8P5)	5.000	.000	55.000	.000	XMRP 12.6250
[ATN042]	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8P5)	10.000	.000	55.000	.000	YMRP .0000
						ZMRP .3750
						SCALE .3150

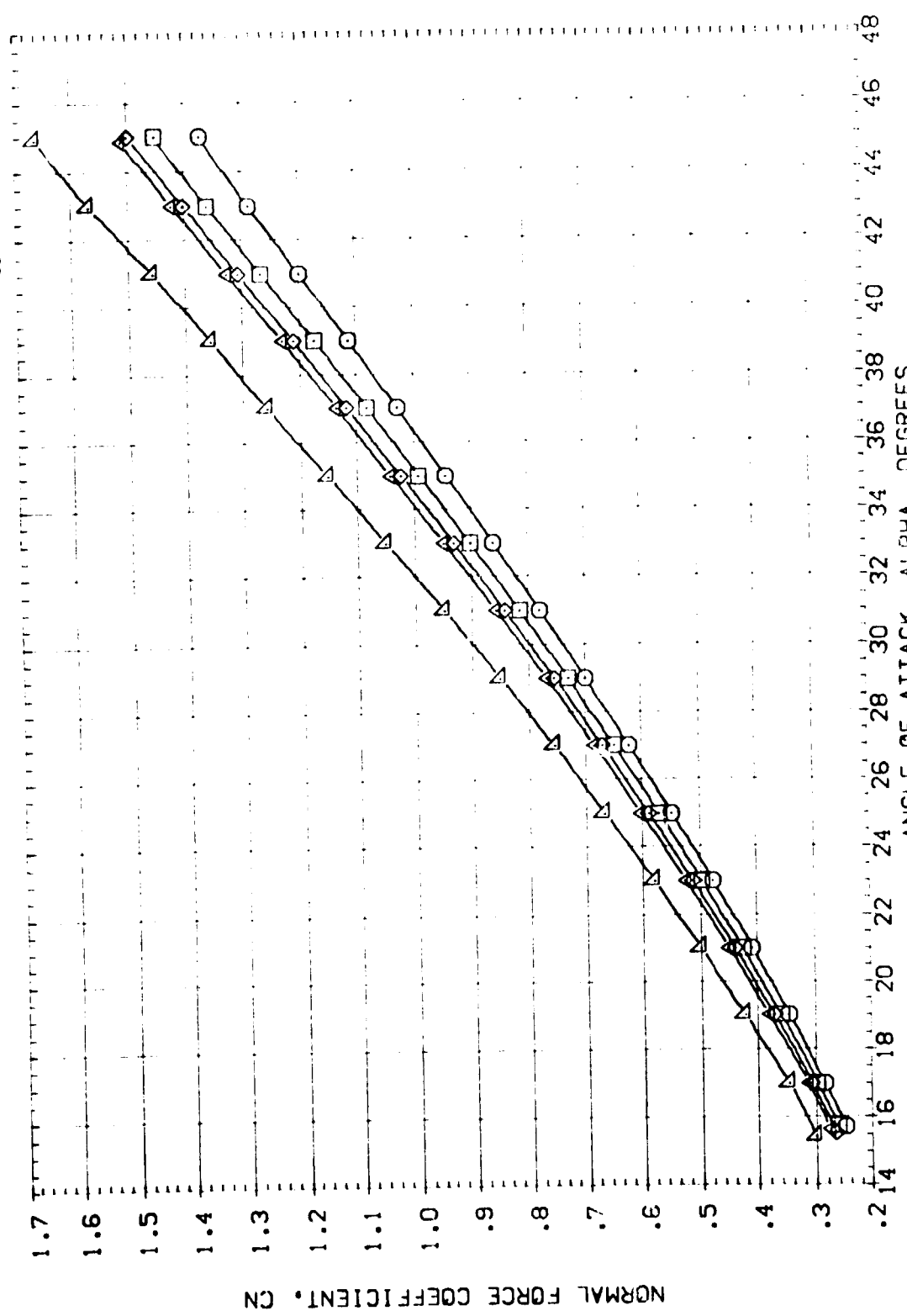


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.09

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	Q-RODR	REFERENCE INFORMATION
[ATNG27]	AEDC VA474(CA-77/78) (326CS-7M7) (V116E26) (VBRS)	-10.000	.000	55.000	.000	SREF 87.1560 SC IN.
[ATNG31]	AEDC VA474(CA-77/78) (326CS-7M7) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATNG41]	AEDC VA474(CA-77/78) (326CS-7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	BREF 14.0520 INCHES
[ATNG42]	AEDC VA474(CA-77/78) (326CS-7M7) (V116E26) (VBRS)	5.000	.000	55.000	.000	XREF 12.5250 INCHES
		10.000	.000	55.000	.000	YREF 10.0000 INCHES
						ZREF 10.5000 INCHES
						SCALE 10.50

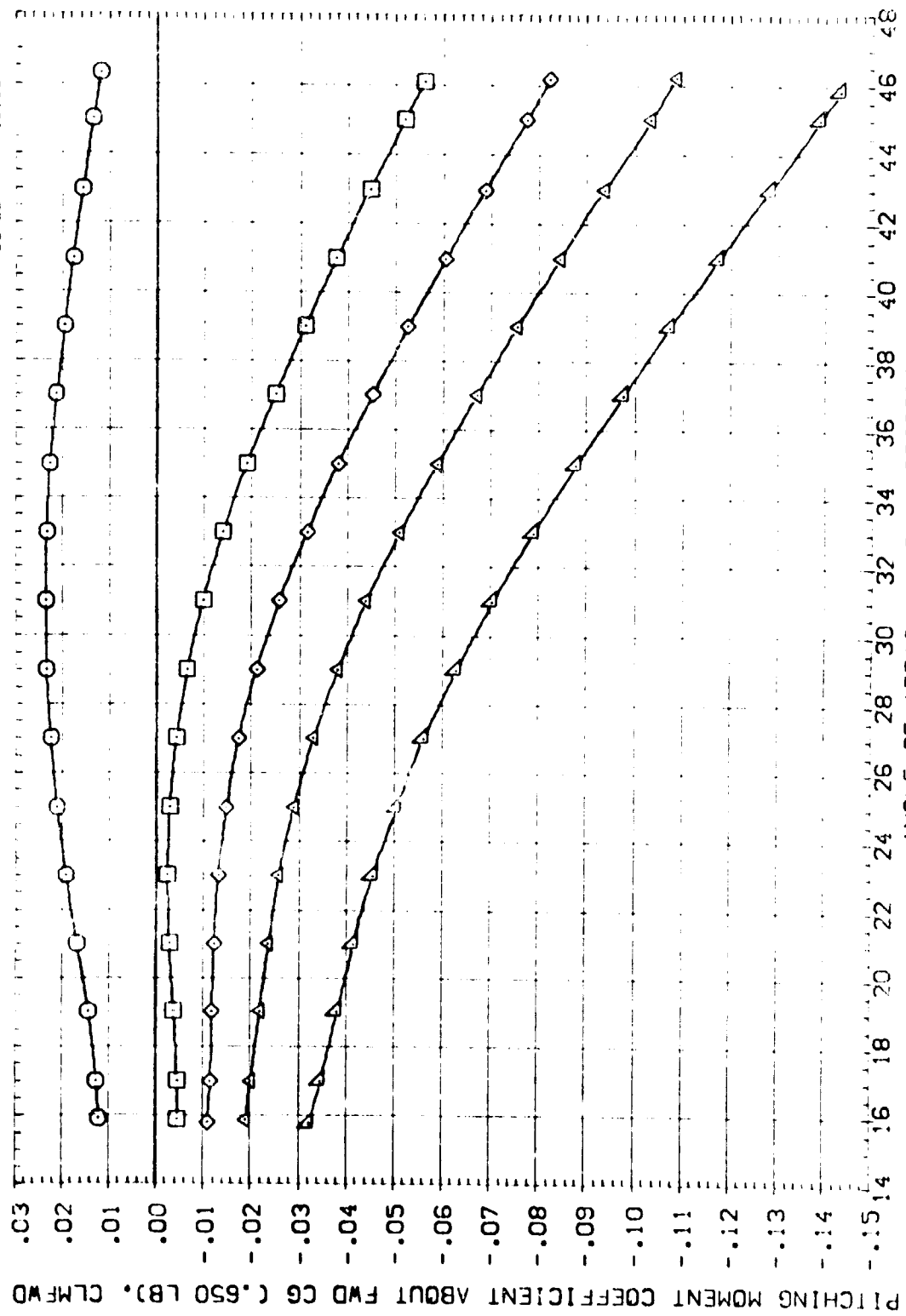
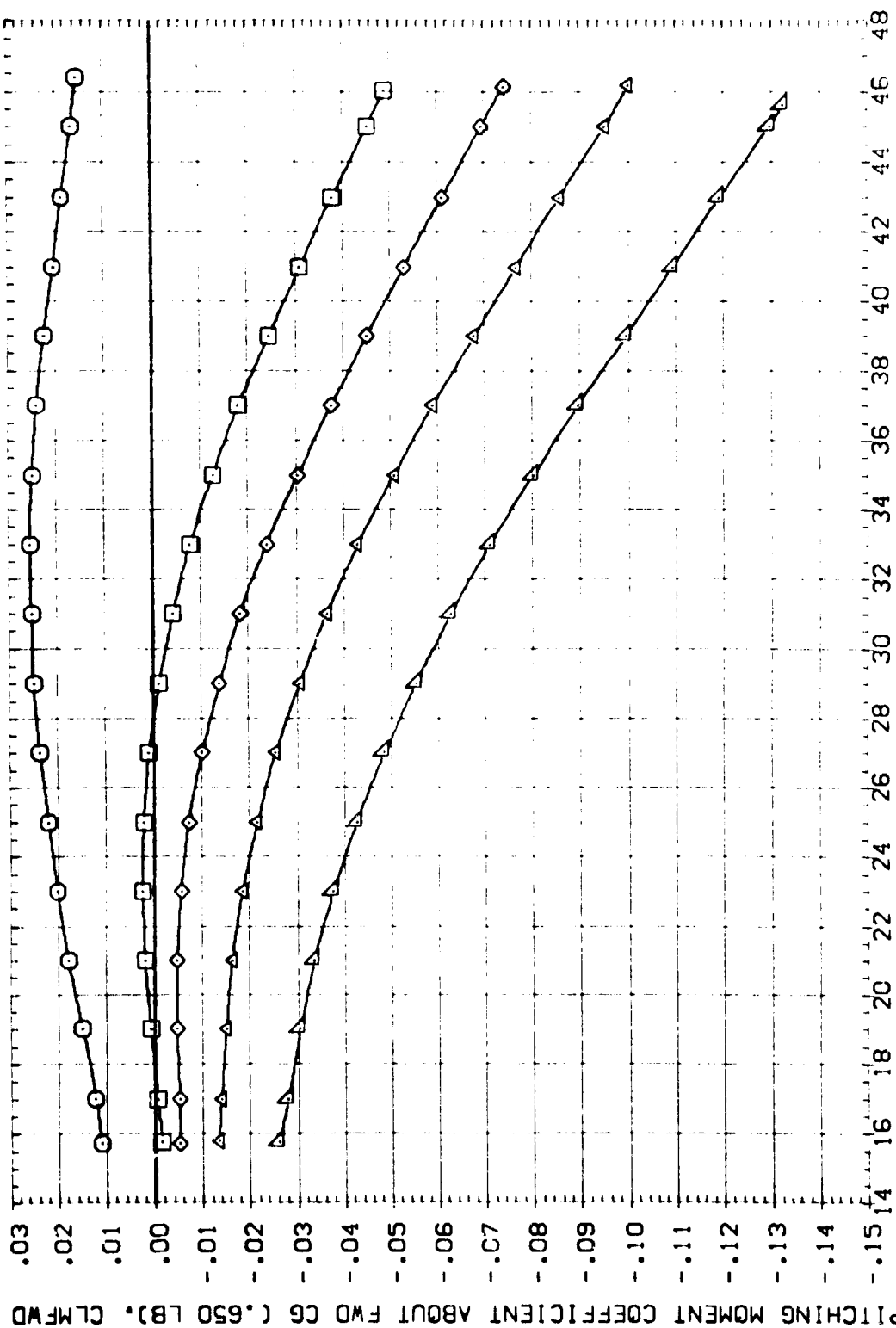


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION	SO. IN.
(ATNG27)	AEDC VA474(OA77/78) (B26C9F7H7)(V1 BE26)(V8RS)	-40.000	.000	55.000	.000	SREF	87.1560
(ATNG30)	AEDC VA474(OA77/78) (B26C9F7H7)(V1 BE26)(V8RS)	-5.000	.000	55.000	.000	LREF	7.1220
(ATNG31)	AEDC VA474(OA77/78) (B26C9F7H7)(V1 BE26)(V8RS)	.000	.000	55.000	.000	BREF	14.0520
(ATNG41)	AEDC VA474(OA77/78) (B26C9F7H7)(V1 BE26)(V8RS)	5.000	.000	55.000	.000	XMRP	12.6250
(ATNG42)	AEDC VA474(OA77/78) (B26C9F7H7)(V1 BE26)(V8RS)	10.000	.000	55.000	.000	YMRP	.0000
						ZMRP	-.3750
						SCALE	10.50



ANGLE OF ATTACK, ALPHA, DEGREES

FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BD FLAP	SPDBRK	RJDDER	REFERENCE INFORMATION
(ATN027)	AEDC VA474(CAT7/78) (B26C9F747) (V116E26) (VBRS)	-40.000	.000	55.000	.000	SREF 87.1560 SO. IN.
(ATN030)	AEDC VA474(CAT7/78) (B26C9F747) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(CAT7/78) (B26C9F747) (V116E26) (VBRS)	.000	.000	55.000	.000	SREF 14.0520 INCHES
(ATN041)	AEDC VA474(CAT7/78) (B26C9F747) (V116E26) (VBRS)	5.000	.000	55.000	.000	XMRP .0000 INCHES
(ATN042)	AEDC VA474(CAT7/78) (B26C9F747) (V116E26) (VBRS)	10.000	.000	55.000	.000	YMRP -.3750 INCHES
						SCALE .0150

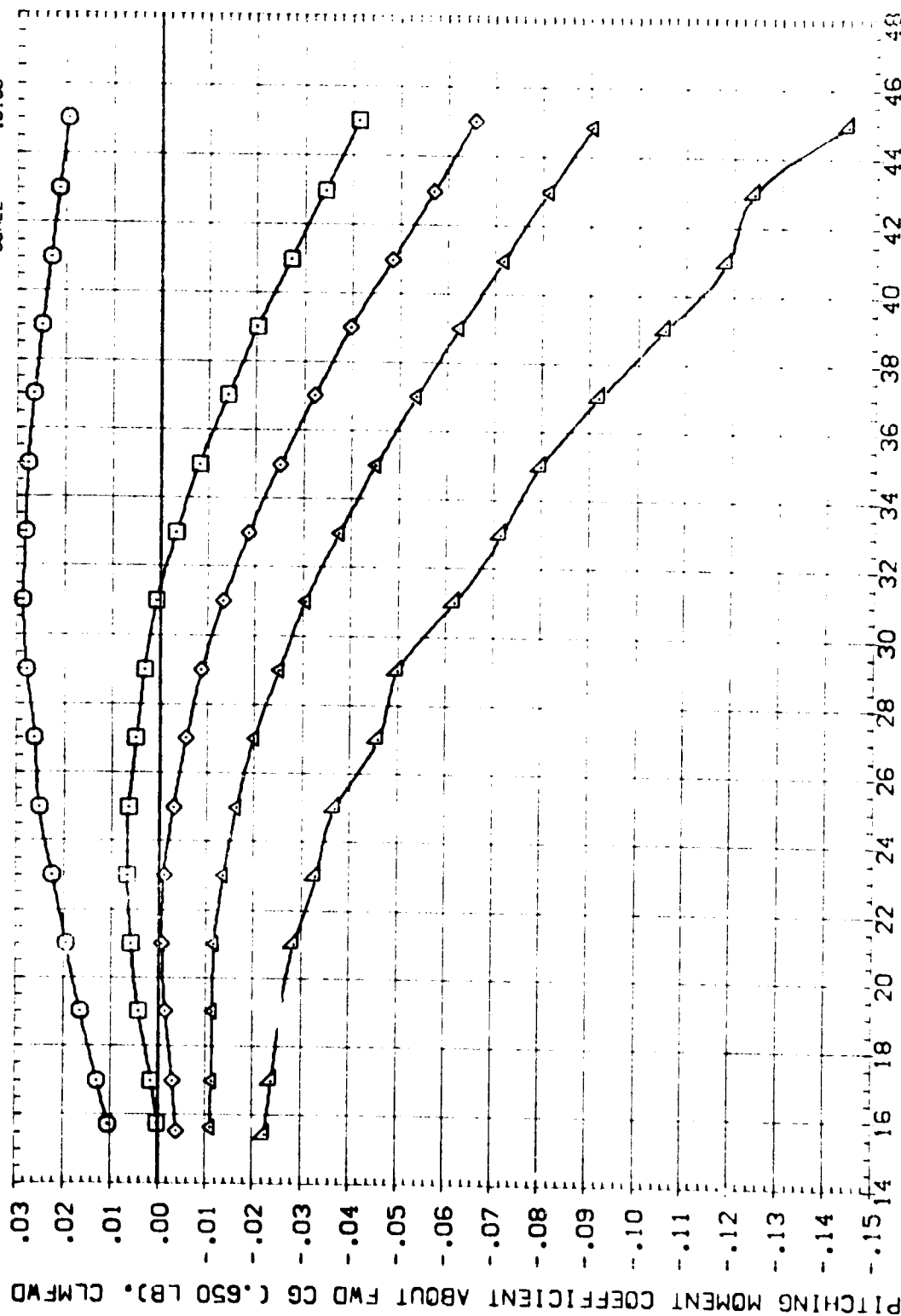


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
 (C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATN027]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8R5)	-40.000	.000	55.000	.000	SREF 87.1560
[ATN030]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8R5)	-5.000	.000	55.000	.000	LREF 7.1220
[ATN031]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8R5)	.000	.000	55.000	.000	BREF 14.0520
[ATN041]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8R5)	5.000	.000	55.000	.000	AMRP 12.6250
[ATN042]	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8R5)	10.000	.000	55.000	.000	ZMRP .0000
						SCALE .0150

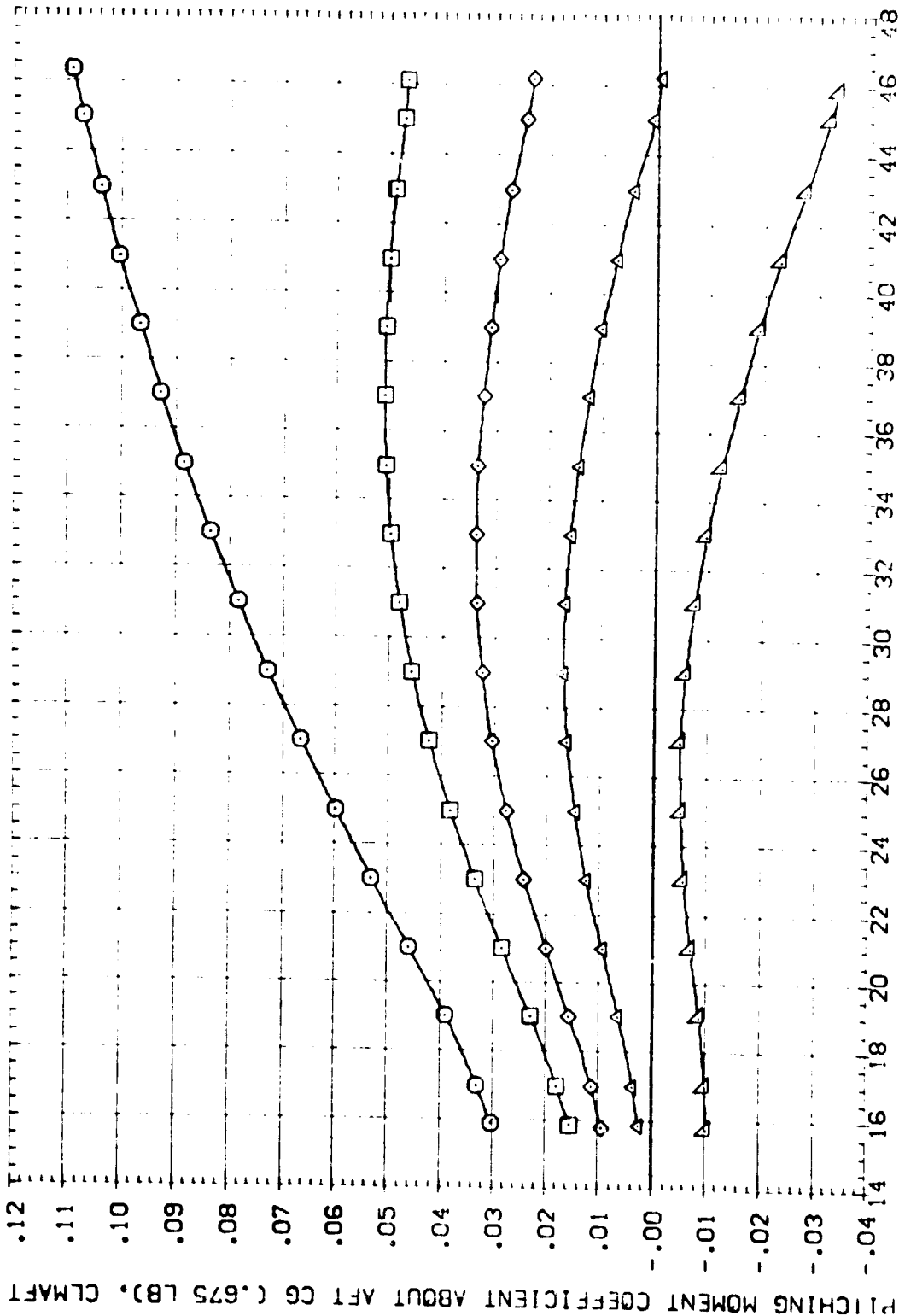


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[A1NG27]	AEDC VA474(3A77/78) (B76C9F7M7) (V116E26) (V8R75)	-10.000	.000	55.000	.000	SREF 87.560
[A1NG30]	AEDC VA474(3A77/78) (B76C9F7M7) (V116E26) (V8R75)	-5.000	.000	55.000	.000	LREF 7.1320
[A1NG31]	AEDC VA474(3A77/78) (B76C9F7M7) (V116E26) (V8R75)	.000	.000	55.000	.000	LRREF 14.0520
[A1NG32]	AEDC VA474(3A77/78) (B76C9F7M7) (V116E26) (V8R75)	5.000	.000	55.000	.000	XMRD 12.6750
		10.000	.000	55.000	.000	YMRD .0000
						ZMRD -.3750
						SCALE .0150

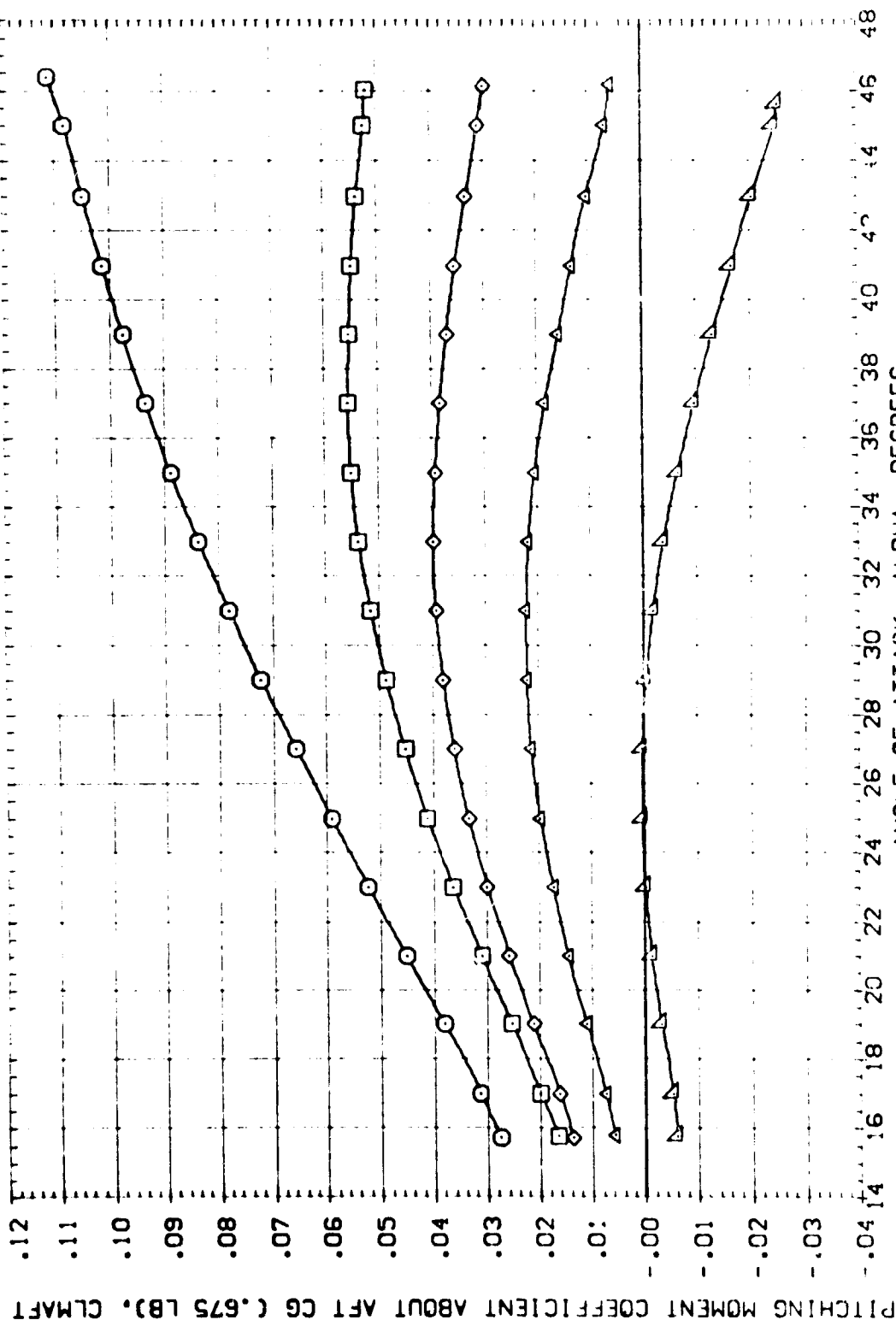


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVATOR	BOFLAP	SPDRK	RUDDER	REFERENCE INFORMATION
[A1N027]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(V853)	-10.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
[A1N030]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(V853)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
[A1N031]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(V853)	.000	.000	55.000	.000	SREF 14.0520 INCHES
[A1N041]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(V853)	5.000	.000	55.000	.000	X-REF 12.6250 INCHES
[A1N042]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(V853)	10.000	.000	55.000	.000	Y-REF .0000 INCHES
						Z-REF -.3750 INCHES
						SCALE 10150

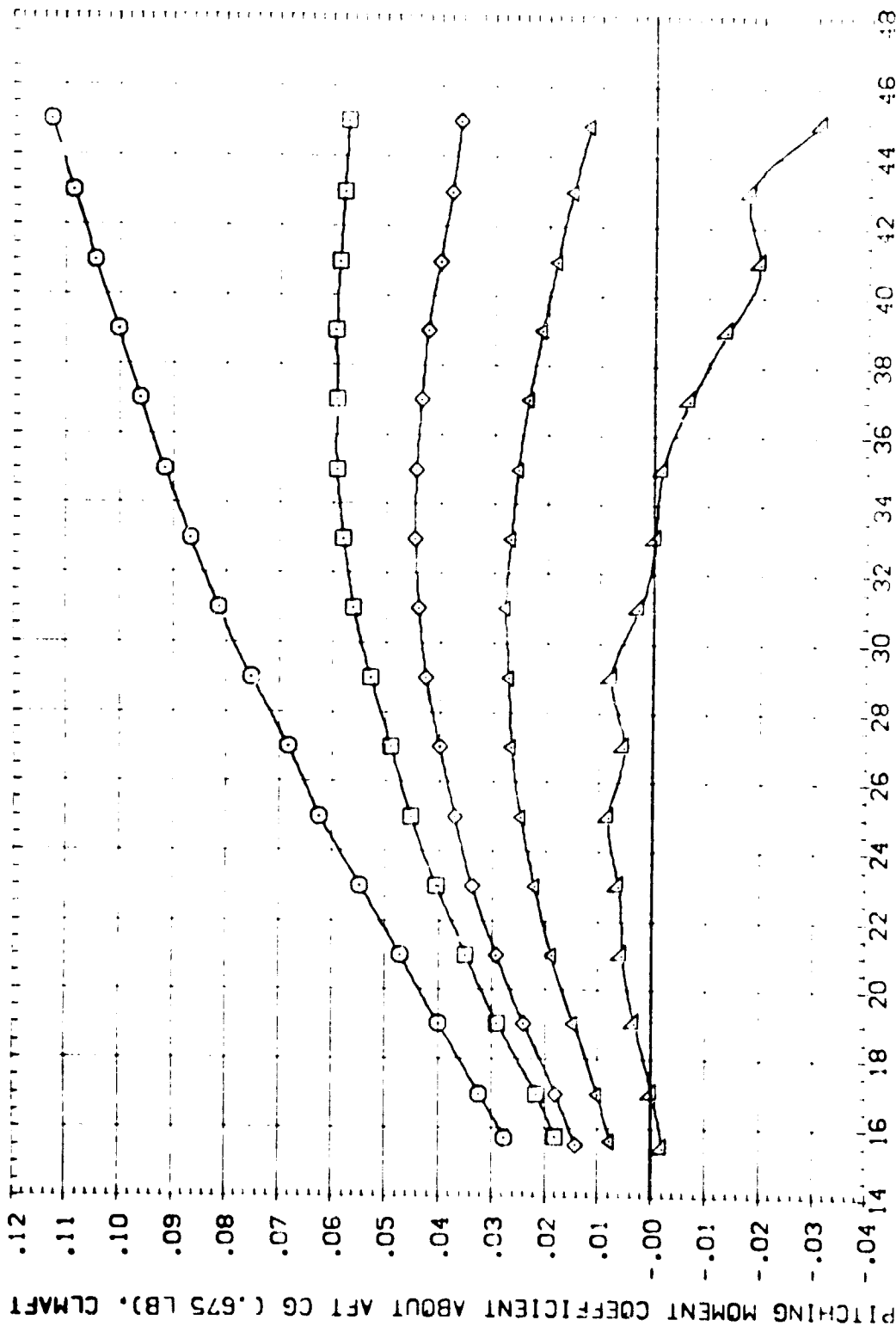


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(COMACH = 0.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[A1G27]	AEDC VA474 (1477/78) (B3628/740) (V1) 6E26 (VBPS)	-40.000	.000	55.000	.000	SPREF 87.1563 50.1 IN.
[A1G30]	AEDC VA474 (1477/78) (B3628/740) (V1) 6E26 (VBPS)	-5.000	.000	55.000	.000	LRREF 1.000 1.000
[A1G31]	AEDC VA474 (1477/78) (B3628/740) (V1) 6E26 (VBPS)	5.000	.000	55.000	.000	BRREF 1.000 1.000
[A1G32]	AEDC VA474 (1477/78) (B3628/740) (V1) 6E26 (VBPS)	10.000	.000	55.000	.000	YREF 1.000 1.000
						ZREF 1.000 1.000
						SCALE 10.50

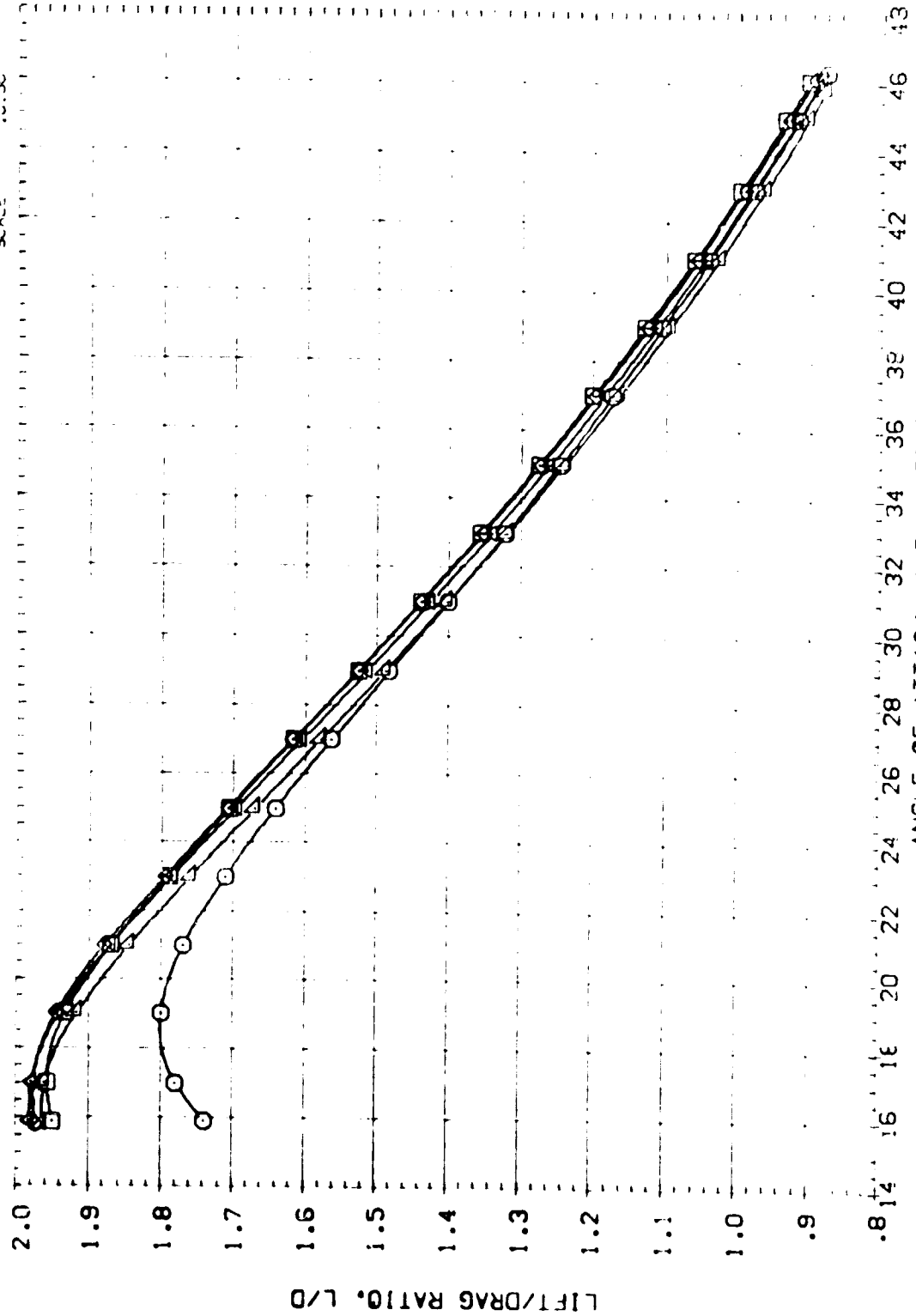


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

CADWACH = 5.95

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRK	RUDER	REFERENCE INFORMATION:			
[ATND27]	Q	AEDC VA474(0A77/78) (826C9-7M7) (V116E26) (VB85)	-40.000	.000	55.000	.000	SREF	67.156C	SCALE	INCHES
[ATND30]		AEDC VA474(0A77/78) (826C9-7M7) (V116E26) (VB85)	-5.000	.000	55.000	.000	LREF	7.122C		INCHES
[ATND31]		AEDC VA474(0A77/78) (826C9-7M7) (V116E26) (VB85)	.000	.000	55.000	.000	BREF	14.052C		INCHES
[ATND41]		AEDC VA474(0A77/78) (826C9-7M7) (V116E26) (VB85)	5.000	.000	55.000	.000	XMRP	12.625C		INCHES
[ATND42]		AEDC VA474(0A77/78) (826C9-7M7) (V116E26) (VB85)	10.000	.000	55.000	.000	YMRP	.000C		INCHES
							ZMRP	37.50		INCHES
							SCALE	0.150		

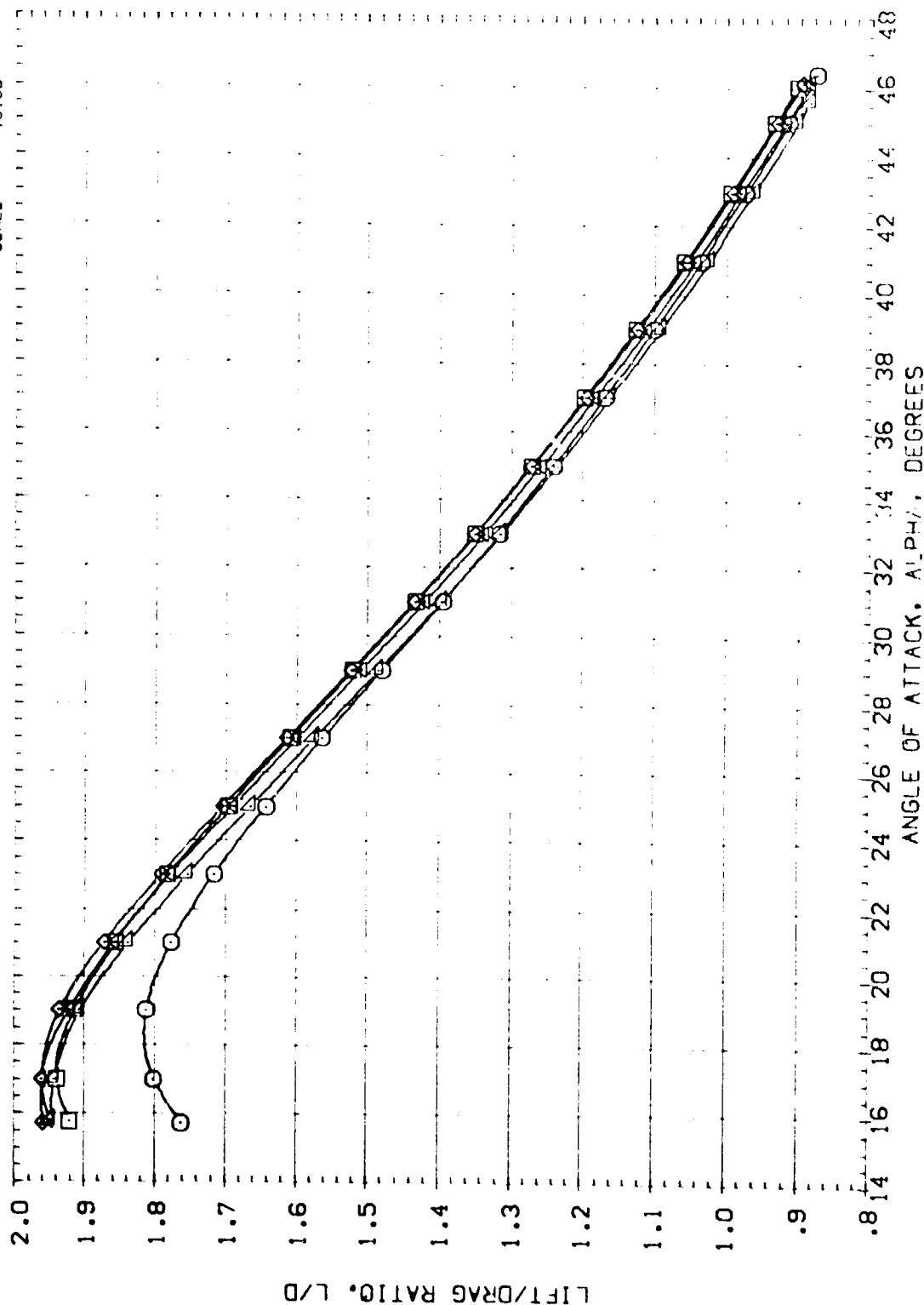


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDF LAP	SPDBRK	RJODER	REFERENCE INFORMATION
(ATNG27)	AEDC VA474 (CAT7/78) (B26C957M7) (V116E26) (VBR5)	-10.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATNG30)	AEDC VA474 (CAT7/78) (B26C957M7) (V116E26) (VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATNG31)	AEDC VA474 (CAT7/78) (B26C957M7) (V116E26) (VBR5)	.000	.000	55.000	.000	BRF 14.0520 INCHES
(ATNG41)	AEDC VA474 (CAT7/78) (B26C957M7) (V116E26) (VBR5)	5.000	.000	55.000	.000	XRFP 12.6250 INCHES
(ATNG42)	AEDC VA474 (CAT7/78) (B26C957M7) (V116E26) (VBR5)	10.000	.000	55.000	.000	YRFP .0000 INCHES
						ZRFP -.3750 INCHES
						SCALE .0150

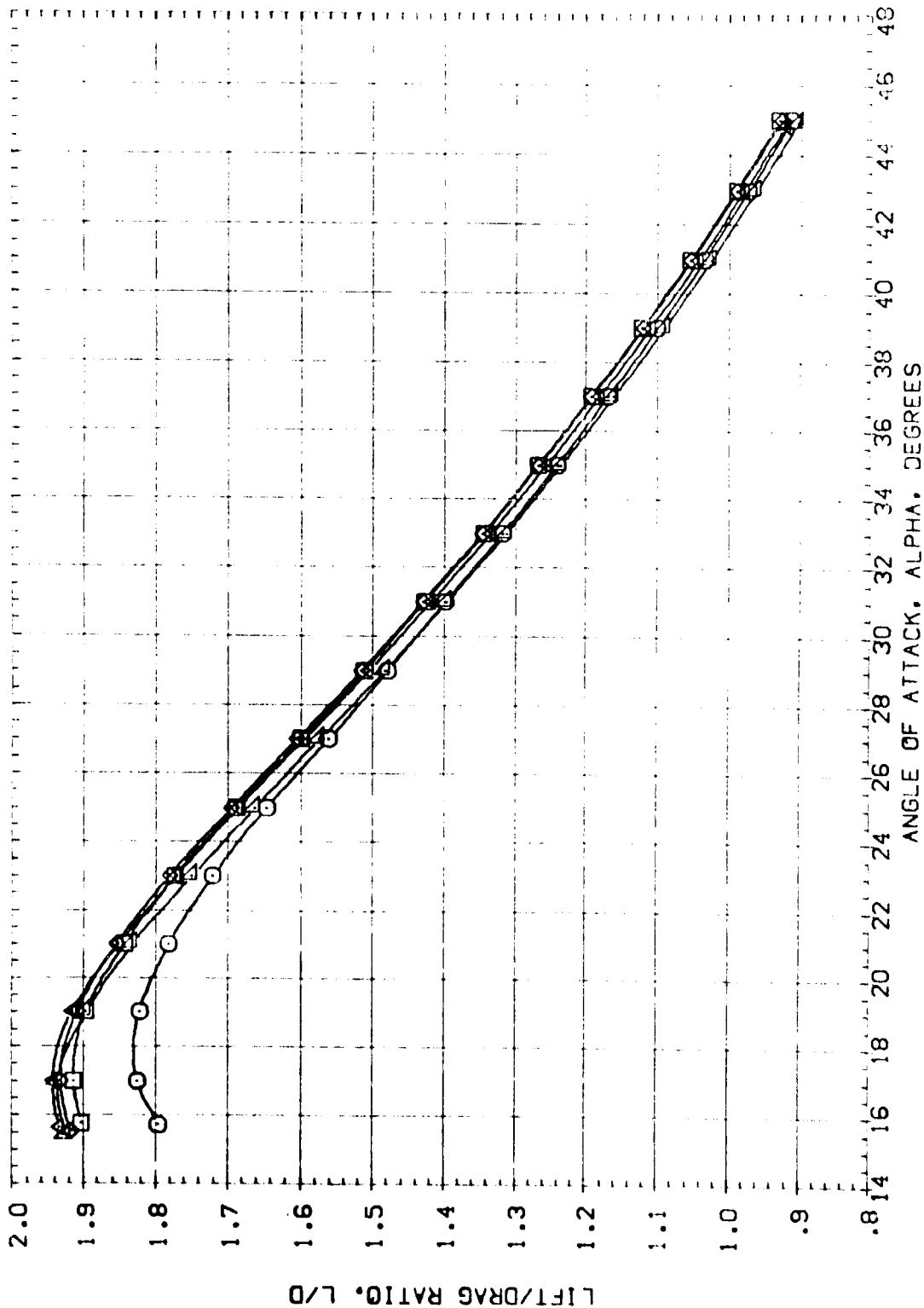
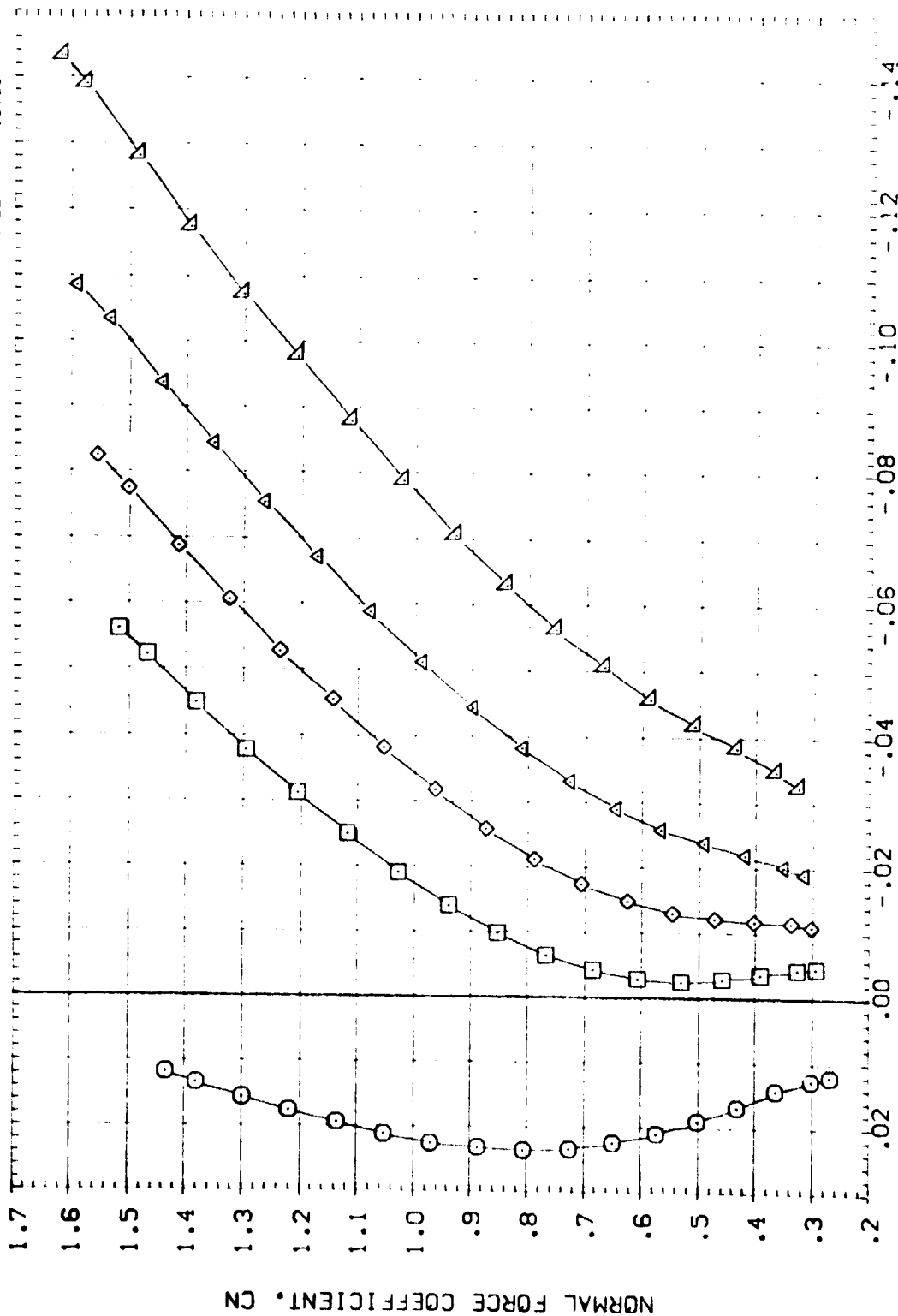


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN027]	AEDC VA474 (DA77/78) (B26CSF747) (V1 6E26 VBR5)	-40.000	.000	55.000	.000	SREF 87.1560 SO N.
[ATN030]	AEDC VA474 (DA77/78) (B26CSF747) (V1 6E26 VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 SO N.
[ATN031]	AEDC VA474 (DA77/78) (B26CSF747) (V1 6E26 VBR5)	.000	.000	55.000	.000	BREF 14.0520 SO N.
[ATN041]	AEDC VA474 (DA77/78) (B26CSF747) (V1 6E26 VBR5)	5.000	.000	55.000	.000	XREF 12.1820 SO N.
[ATN042]	AEDC VA474 (DA77/78) (B26CSF747) (V1 6E26 VBR5)	10.000	.000	55.000	.000	YREF 30.000 SO N.
						ZREF 30.000 SO N.
						SCALE 10.000



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFWD

FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(M)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOCLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN027)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	-40.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATN030)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(ATN041)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	.000	55.000	.000	XMRP 12.6250 INCHES
(ATN042)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	.000	55.000	.000	ZMRP .0000 INCHES
						SCALE .0150

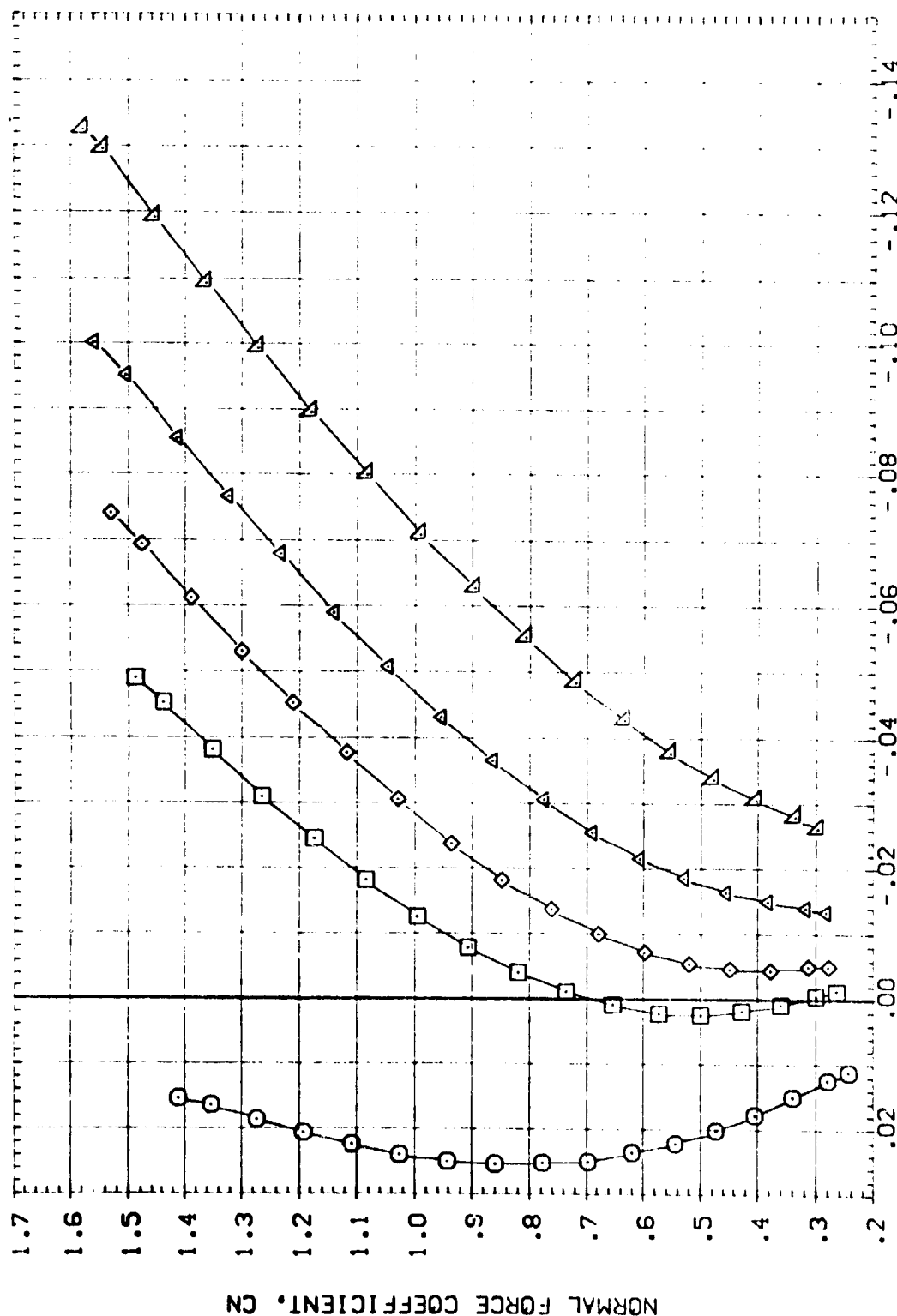
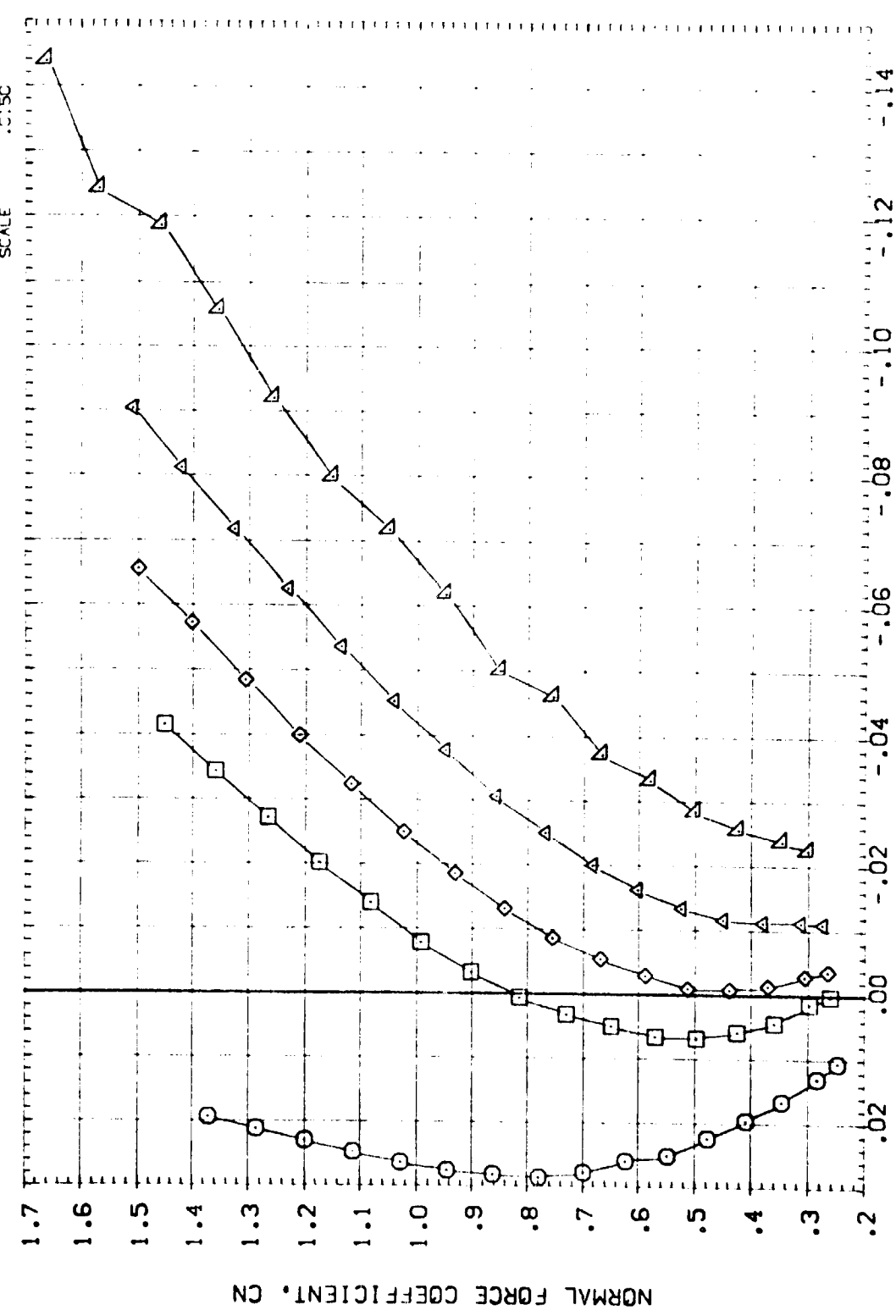


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB), CLMFWD

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN027)	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBR5)	-40.000	.000	55.000	.000	SREF 87.1560 SO.IN.
(ATN030)	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(ATN041)	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	.000	55.000	.000	YMRP 12.6250 INCHES
(ATN042)	AEDC VA474 (0A77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	.000	55.000	.000	ZMRP 10.0000 INCHES
						SCALE 10.50



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB), CLMPWD

FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO, IN.
(ATND27)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	-40.000	.000	55.000	.000	SREF	87.1560
(ATND30)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	-5.000	.000	55.000	.000	LREF	.1220
(ATND31)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	.000	55.000	.000	BREF	15.0520
(ATND41)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	5.000	.000	55.000	.000	XMRP	12.6250
(ATND42)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	10.000	.000	55.000	.000	YMRP	.0000
						ZMRP	.3750
						SCALE	.0150

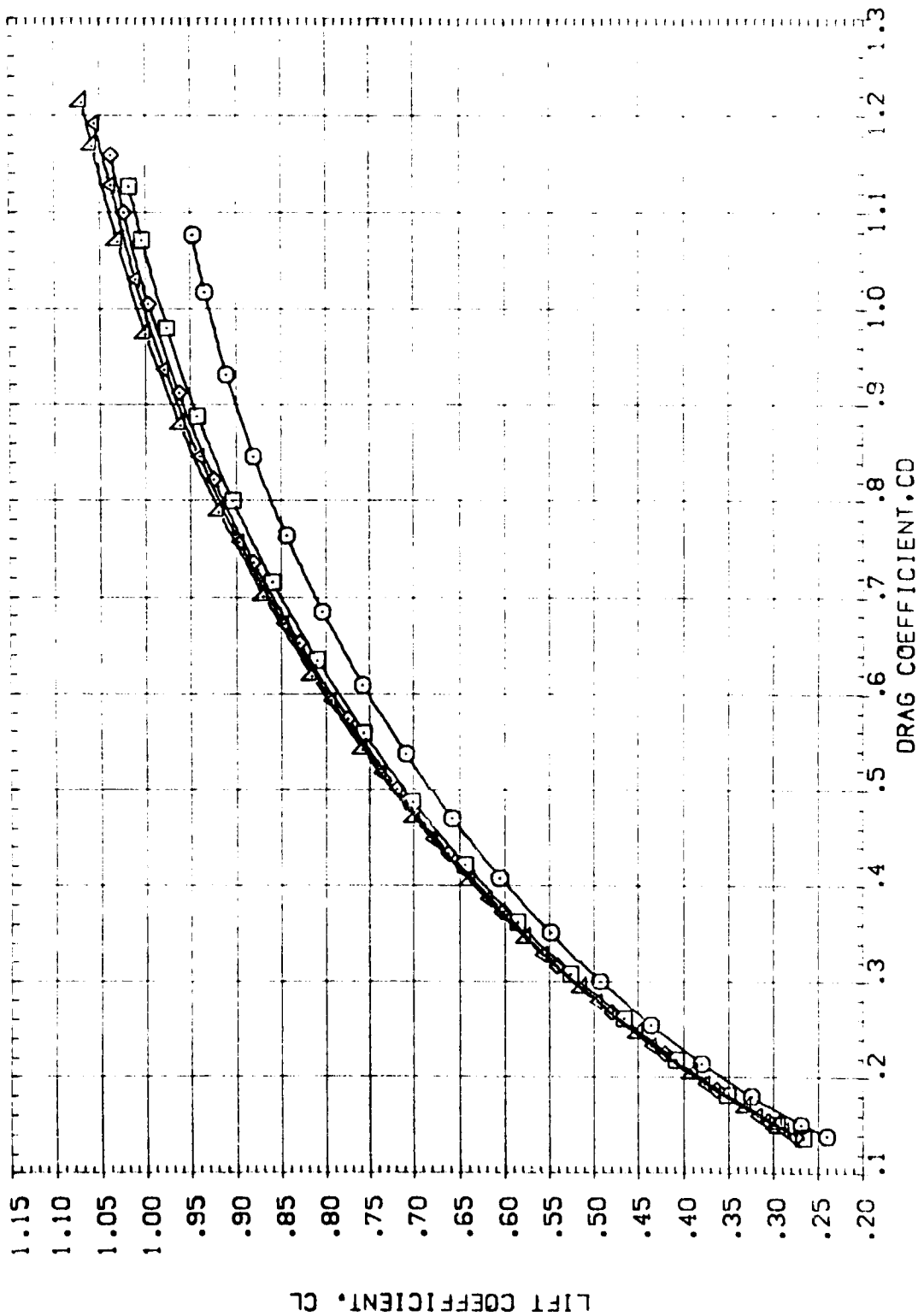


FIG 07 EFFECT OF ELEVATOR DEFLECTION. BODY FLAP= 0 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN027)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	-10.000	.000	55.000	.000	SREF 87.1560 SO IN
(ATN030)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN031)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(ATN041)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.000	.000	55.000	.000	XMRP 12.6250 INCHES
(ATN042)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	10.000	.000	55.000	.000	ZMRP .0000 INCHES
						SCALE .015

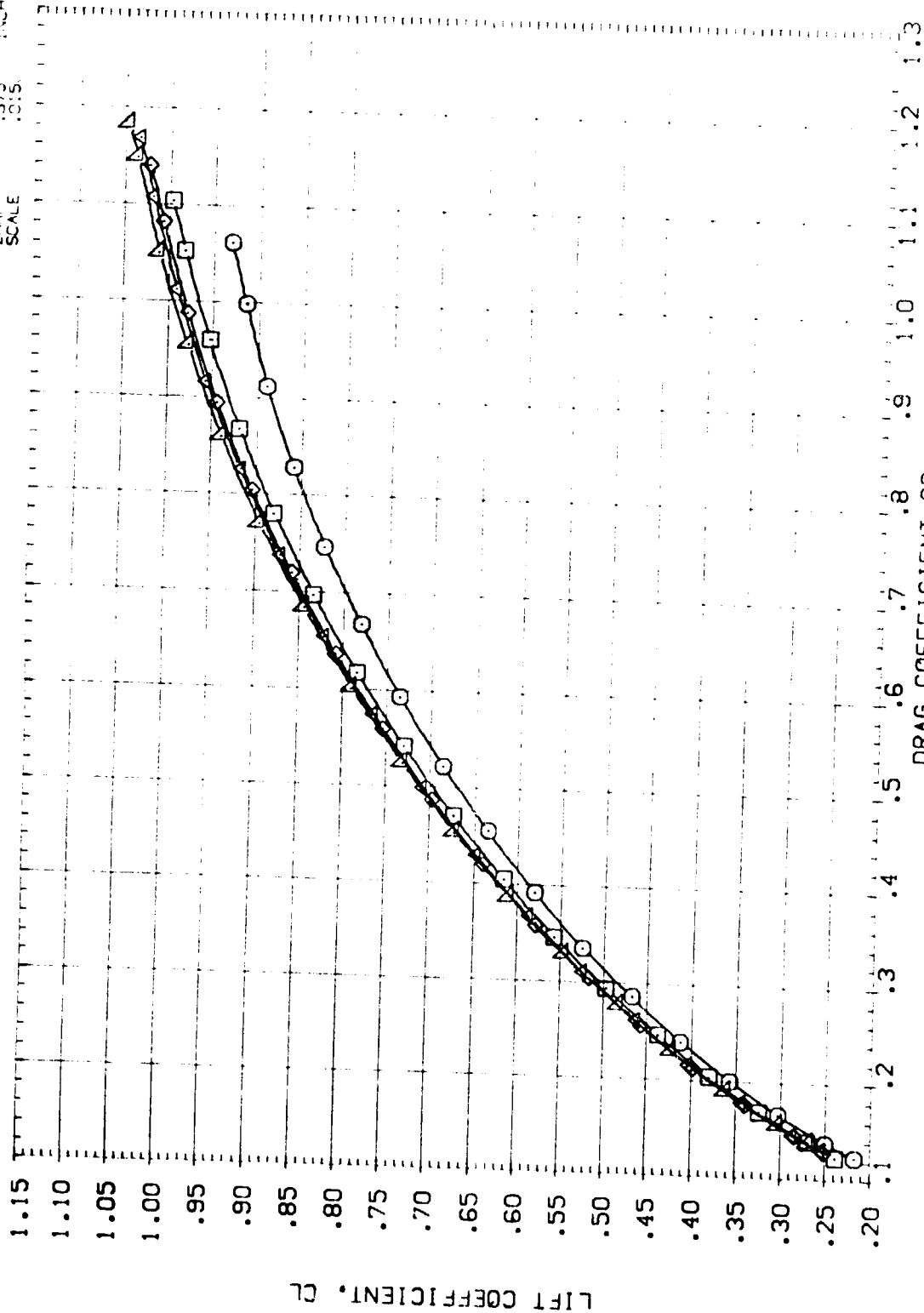


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
(B) MACH = 8.00

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDF LAP	SPOBRK	RUDDER	REFERENCE INFORMATION
{A1NG27}	Q	AEDC VA474(CAT7/78) (B26C9F7M2) (V116E26) (VBRS)	-10.000	.000	55.000	.000	SREF 87.1560 50. IN.
{A1NG30}	Q	AEDC VA474(CAT7/78) (B26C9F7M2) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF 71.220 INCHES
{A1NG31}	X	AEDC VA474(CAT7/78) (B26C9F7M2) (V116E26) (VBRS)	.000	.000	55.000	.000	BREF 14.0320 INCHES
{A1NG41}	X	AEDC VA474(CAT7/78) (B26C9F7M2) (V116E26) (VBRS)	5.000	.000	55.000	.000	XMRP 12.6250 INCHES
{A1NG42}	X	AEDC VA474(CAT7/78) (B26C9F7M2) (V116E26) (VBRS)	10.000	.000	55.000	.000	YMRP 1.0000 INCHES
							ZMRP -.3750 INCHES
							SCALE 10:50

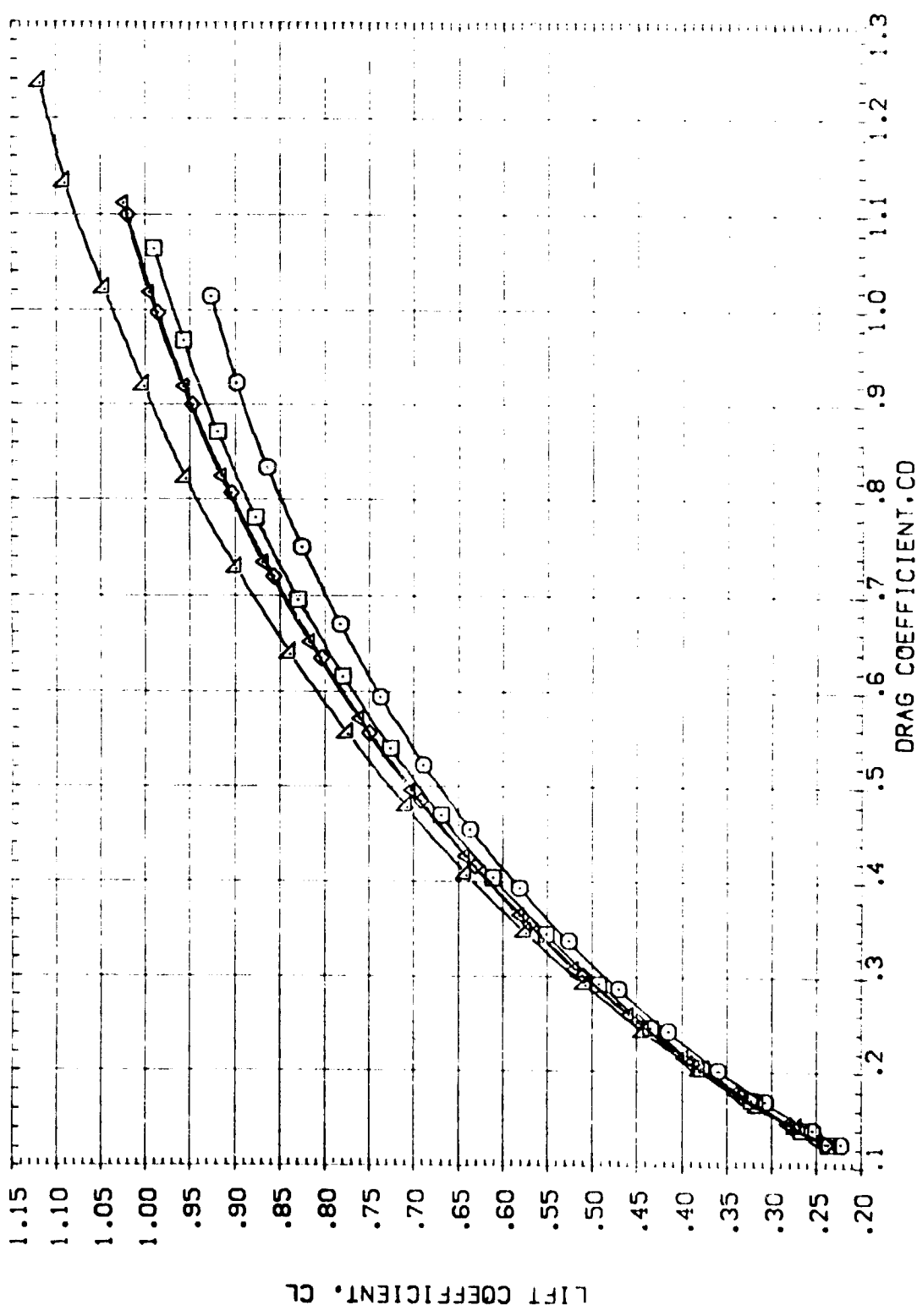


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE	INFORMATION
(ATN027)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	-40.000	.000	55.000	.000	SREF	67.1560
(ATN030)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	-5.000	.000	55.000	.000	LREF	67.1220
(ATN031)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	.000	55.000	.000	BREF	67.0520
(ATN041)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	5.000	.000	55.000	.000	XMRP	67.0000
(ATN042)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	10.000	.000	55.000	.000	YMRP	67.0000
						ZMRP	67.0000
						SCALE	.0150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

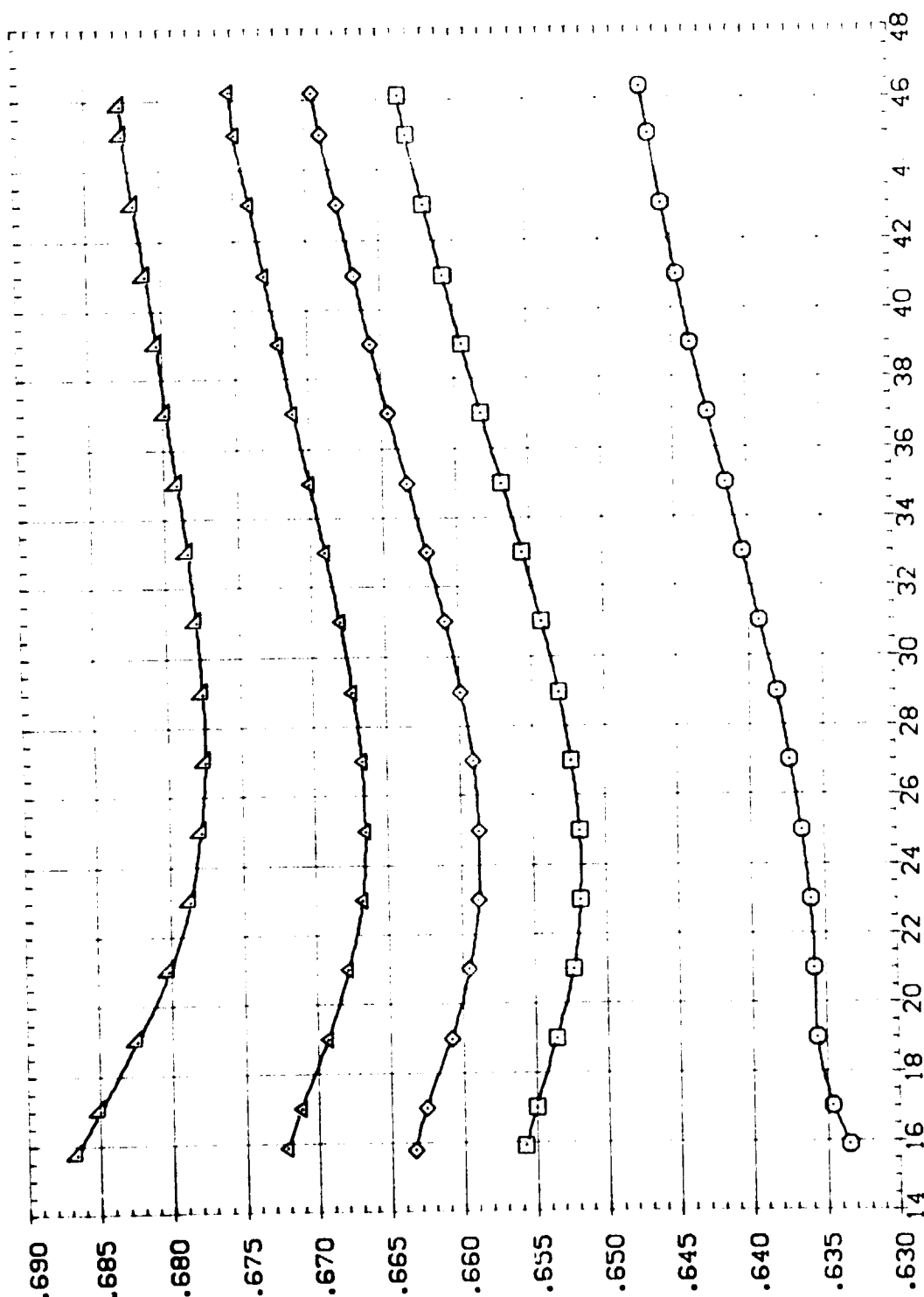


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
ANGLE OF ATTACK, ALPHA, DEGREES

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATNG27]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
[ATNG30]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATNG31]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	BREF 14.0520 INCHES
[ATNG41]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.000	.000	55.000	.000	XMPP 12.6250 INCHES
[ATNG42]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	10.000	.000	55.000	.000	YMPP .0000 INCHES
						ZMPP -.3750 INCHES
						SCALE .0150

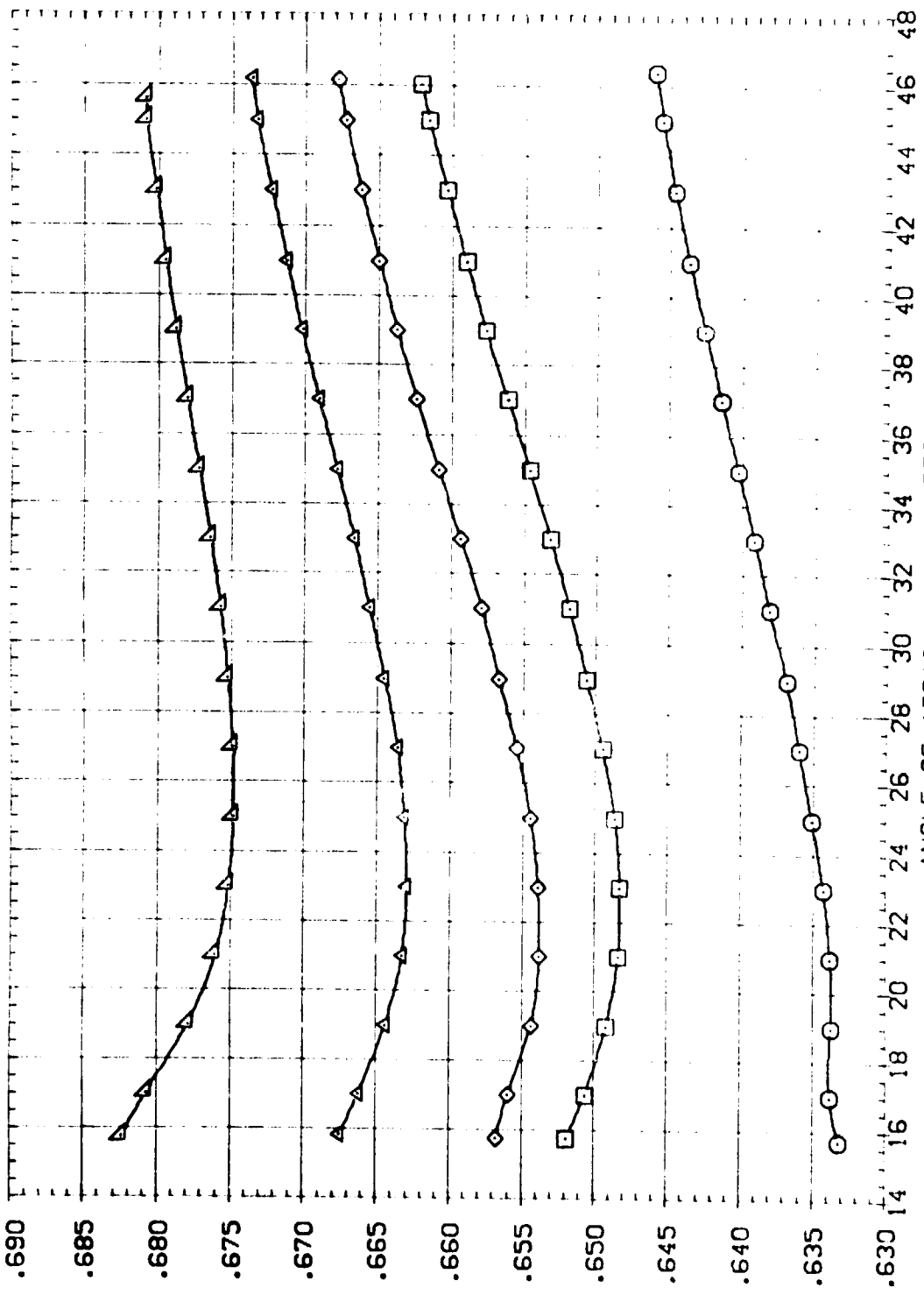


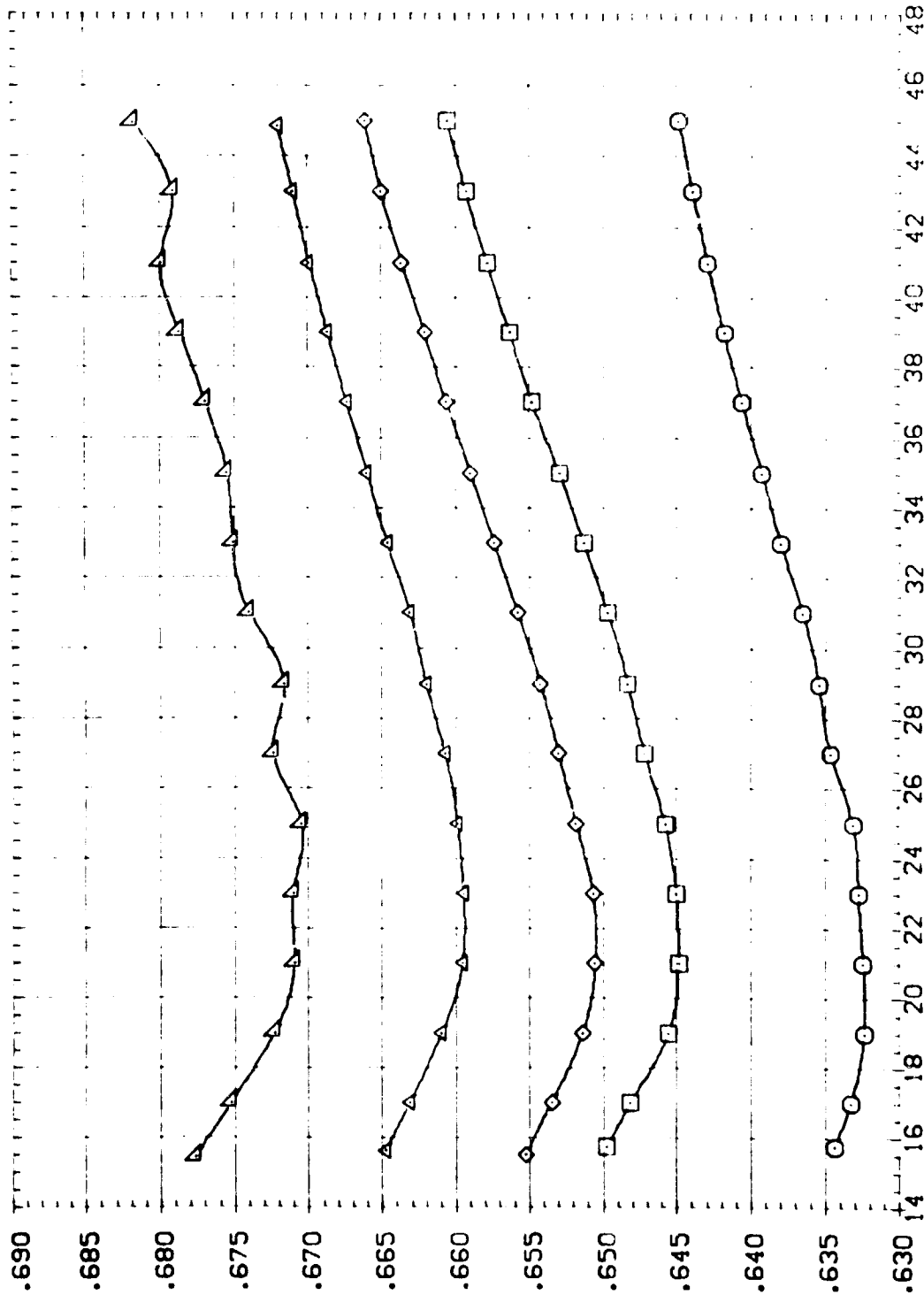
FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(8)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPD3RK	RUDDER	REFERENCE INFORMATION	SCALE
[ATNC07]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	.000	55.000	.000	SREF 87.1560	10.150
[ATNC30]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF 71.1220	10.150
[ATNC03]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	SREF 14.0520	10.150
[ATNC41]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.000	.000	55.000	.000	X-REF 12.6250	10.150
[ATNC42]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	10.000	.000	55.000	.000	Y-REF 10.0000	10.150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH



ANGLE OF ATTACK, ALPHA, DEGREES

FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.09

PLATE 165

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDRBK	RUDER	REFERENCE INFORMATION
(FTN027)	AEDC VA474(04/77/78) (B26C9-7M7)(V116E26)(VBK5)	-40.000	.000	55.000	.000	SREF 87.1560 53.1N.
(FTN030)	AEDC VA474(04/77/78) (B26C9-7M7)(V116E26)(VBK5)	-5.000	.000	55.000	.000	LREF 7.1220 1NCHES
(FTN031)	AEDC VA474(04/77/78) (B26C9-7M7)(V116E26)(VBK5)	.000	.000	55.000	.000	BREF 14.0520 1NCHES
(FTN034)	AEDC VA474(04/77/78) (B26C9-7M7)(V116E26)(VBK5)	5.000	.000	55.000	.000	YMRP 12.6250 1NCHES
(FTN042)	AEDC VA474(04/77/78) (B26C9-7M7)(V116E26)(VBK5)	10.000	.000	55.000	.000	ZMRP .0000 1NCHES
						SCALE -.3750 1NCHES

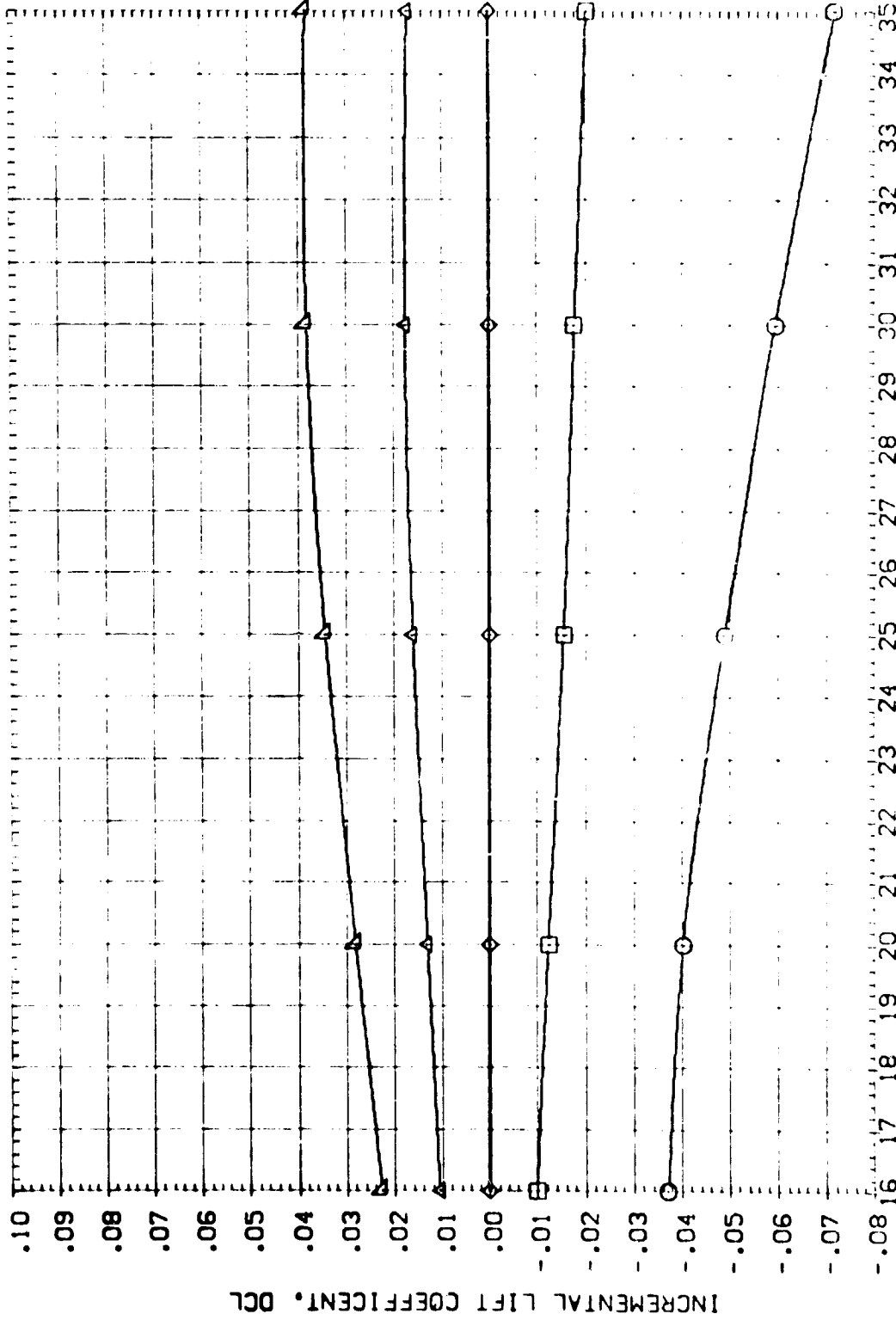


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

CHOMACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	D.ELEV	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(FNC27)	AEDC VA474(GA77/78) (B26C9-7M7)(V) (B26)(VBR5)	-40.000	.000	55.000	.000	SREF 87.1560
(FNC30)	AEDC VA474(GA77/78) (B26C9-7M7)(V) (B26)(VBR5)	-5.000	.000	55.000	.000	LREF 7.1220
(FNC31)	AEDC VA474(GA77/78) (B26C9-7M7)(V) (B26)(VBR5)	.000	.000	55.000	.000	BREF 14.0520
(FNC42)	AEDC VA474(GA77/78) (B26C9-7M7)(V) (B26)(VBR5)	5.000	.000	55.000	.000	MREF 12.6250
		10.000	.000	55.000	.000	YMRP .0000
						ZMRP -.3750
						SCALE .0150

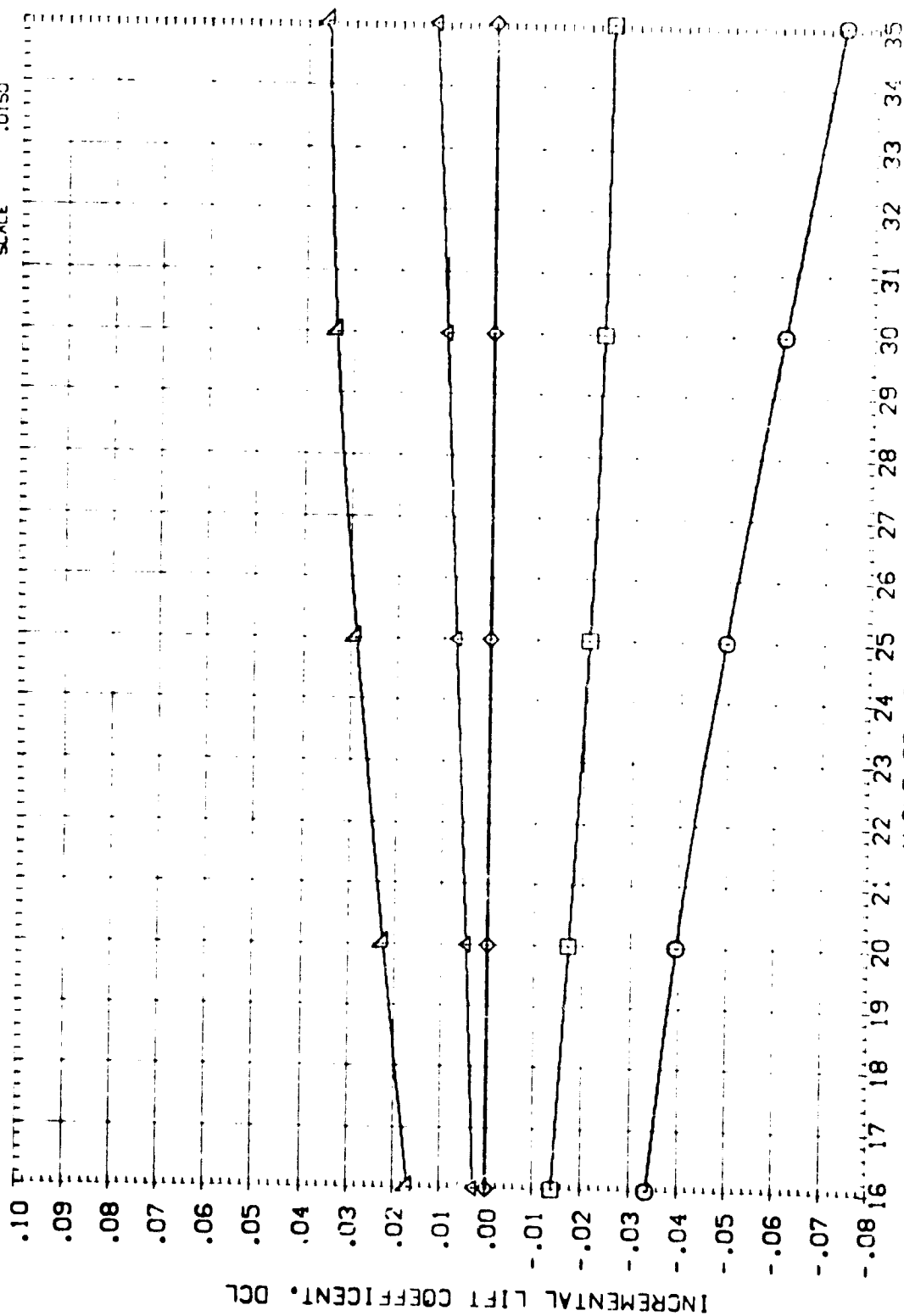


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(3)MAC = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[FTN027]	AEDC VA474 (CAT7/78) (B26C97/78) (V116E26) (V8P5)	-10.000	.000	55.000	.000	SREF 87.1560 SC IN.
[FTN030]	AEDC VA474 (CAT7/78) (B26C97/78) (V116E26) (V8P5)	-5.000	.000	55.000	.000	LREF 7.1270 INCHES
[FTN031]	AEDC VA474 (CAT7/78) (B26C97/78) (V116E26) (V8P5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
[FTN041]	AEDC VA474 (CAT7/78) (B26C97/78) (V116E26) (V8P5)	5.000	.000	55.000	.000	XREF 12.6250 INCHES
[FTN042]	AEDC VA474 (CAT7/78) (B26C97/78) (V116E26) (V8P5)	10.000	.000	55.000	.000	YREF 12.6250 INCHES
						ZREF 12.6250 INCHES
						SCALE 0.150

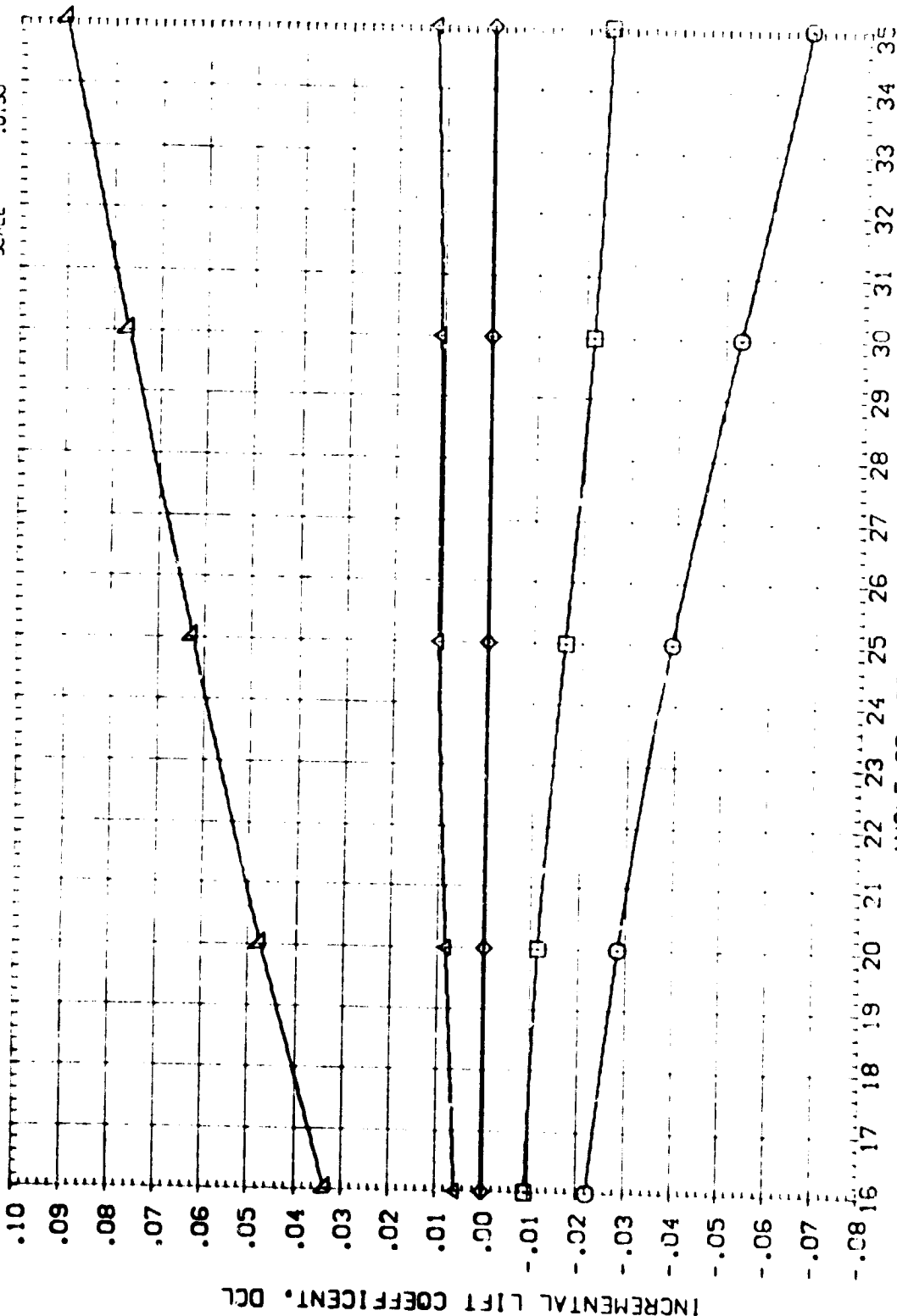


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
 ANGLE OF ATTACK, ALPHA, DEGREES

COMAC = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTNO27)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	-40.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
(FTNO30)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(FTNO31)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(FTNO41)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	.000	55.000	.000	YMRP 12.6250 INCHES
(FTNO42)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	.000	55.000	.000	ZMRP .0000 INCHES
						SCALE .0150

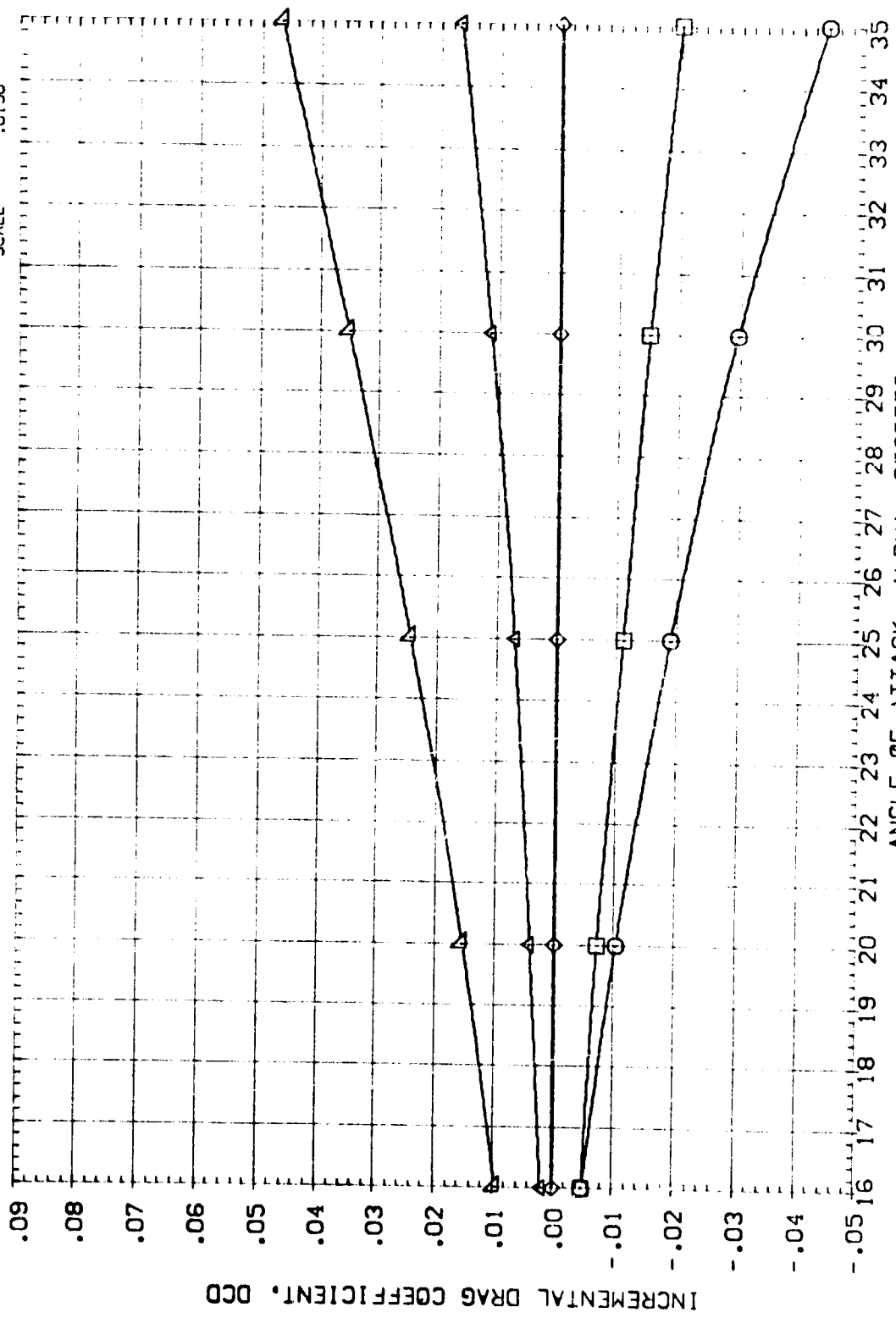


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 9.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLLEV	BOFLAP	SPOBRK	RLODER	REFERENCE INFORMATION
{FTN027}	AEDC VA474 (QAT7/78) (826C9F 7M7) (V116E26) (VBR5)	-40.000	.000	55.000	.000	SREF 87.1560 50.1N
{FTN030}	AEDC VA474 (QAT7/78) (826C9F 7M7) (V116E26) (VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 NCES
{FTN031}	AEDC VA474 (QAT7/78) (826C9F 7M7) (V116E26) (VBR5)	.000	.000	55.000	.000	SREF 14.0520 NCES
{FTN041}	AEDC VA474 (QAT7/78) (826C9F 7M7) (V116E26) (VBR5)	5.000	.000	55.000	.000	YMRP 12.6250 NCES
{FTN042}	AEDC VA474 (QAT7/78) (826C9F 7M7) (V116E26) (VBR5)	10.000	.000	55.000	.000	ZMRP .0000 NCES
						SCALE .3750 NCES

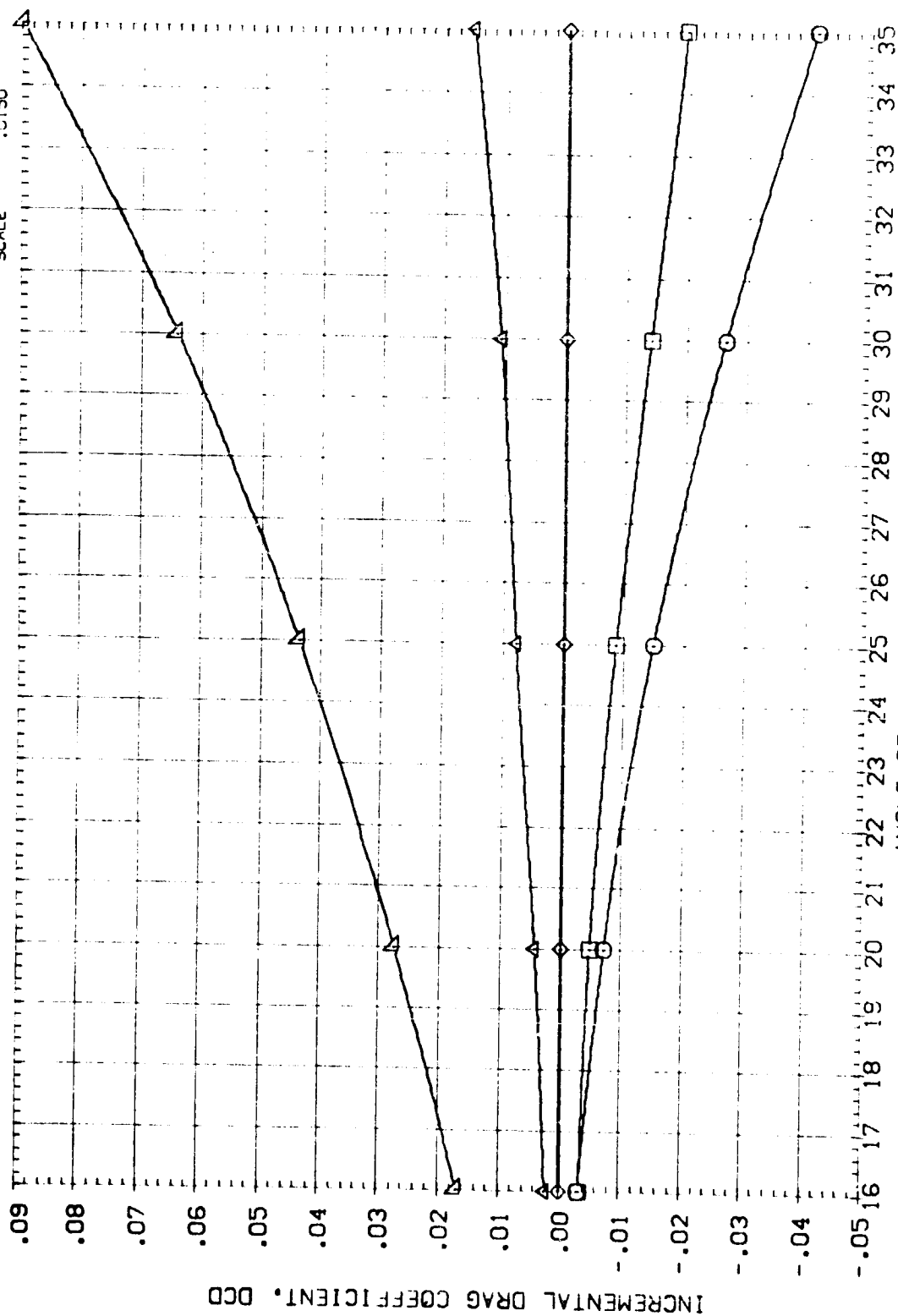


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN027)	AEDC VA474 (DA 7/78) (B26C9-7M7) (V116E26) (VBRS)	-40.000	.000	55.000	.000	SREF 87.1560 INCHES
(FTN030)	AEDC VA474 (DA 7/78) (B26C9-7M7) (V116E26) (VBRS)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(FTN031)	AEDC VA474 (DA 7/78) (B26C9-7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(FTN041)	AEDC VA474 (CA 7/78) (B26C9-7M7) (V116E26) (VBRS)	5.000	.000	55.000	.000	XMRP 12.6250 INCHES
(FTN042)	AEDC VA474 (CA 7/78) (B26C9-7M7) (V116E26) (VBRS)	10.000	.000	55.000	.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

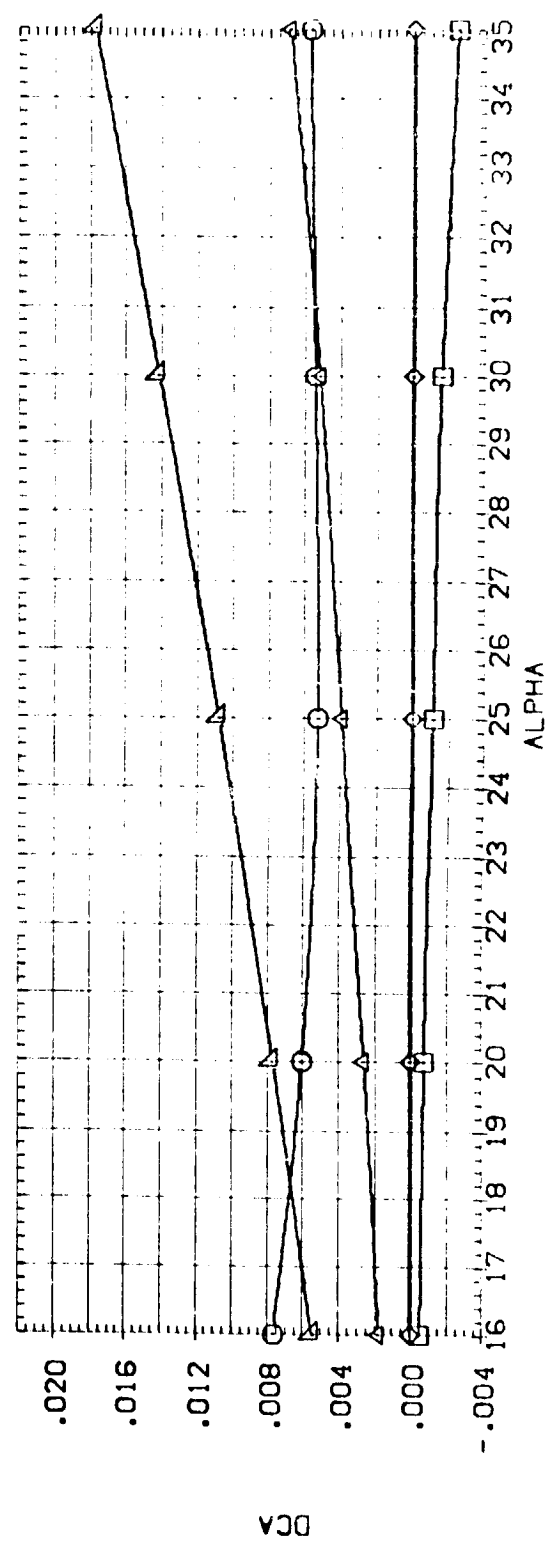
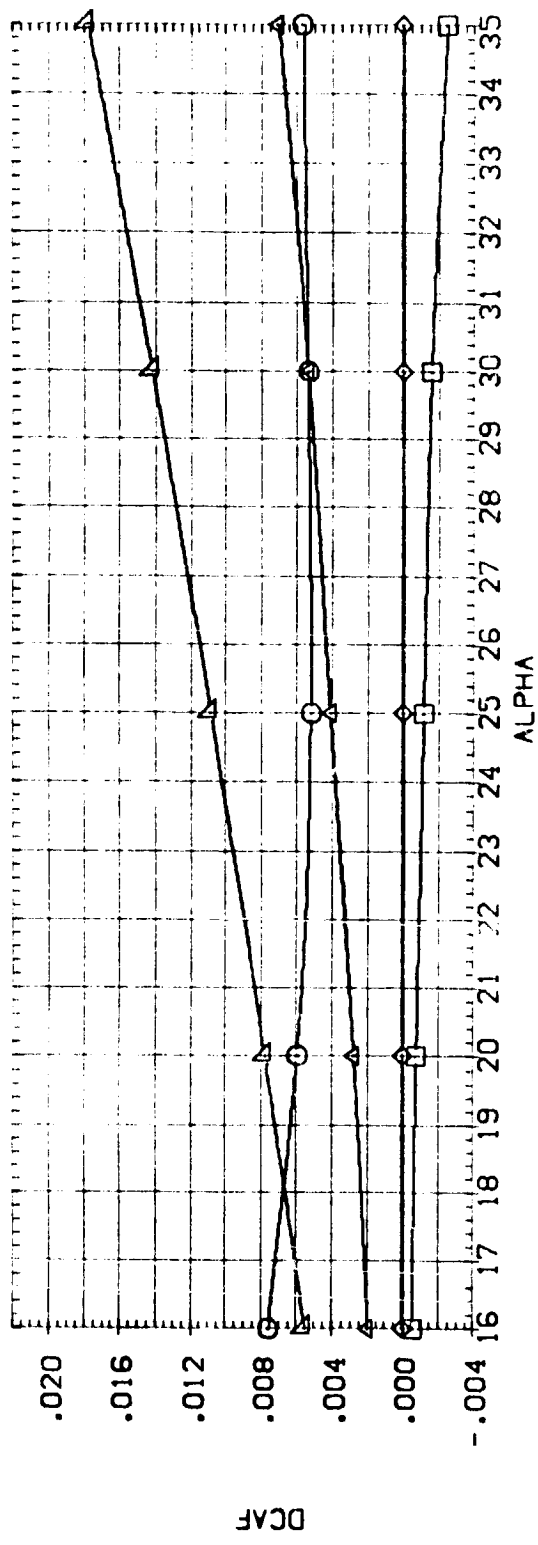


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MACH = 6.00

DATA SET SYMBOL: (FTN027) (FTN030) (FTN031) (FTN041) (FTN042)

CONFIGURATION DESCRIPTION: AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)

DELEV: -40.000 -5.000 5.000 10.000

BOFLAP: .000 .000 .000 .000

SPOBRK: 55.000 55.000 55.000 55.000

RUDDER: .000 .000 .000 .000

REFERENCE INFORMATION: SREF 87.1560 SQ. IN. LREF 7.1220 INCHES BREF 14.0520 INCHES XMRP 12.6250 INCHES YMRP .0000 INCHES ZMRP -.3750 INCHES SCALE 10.50

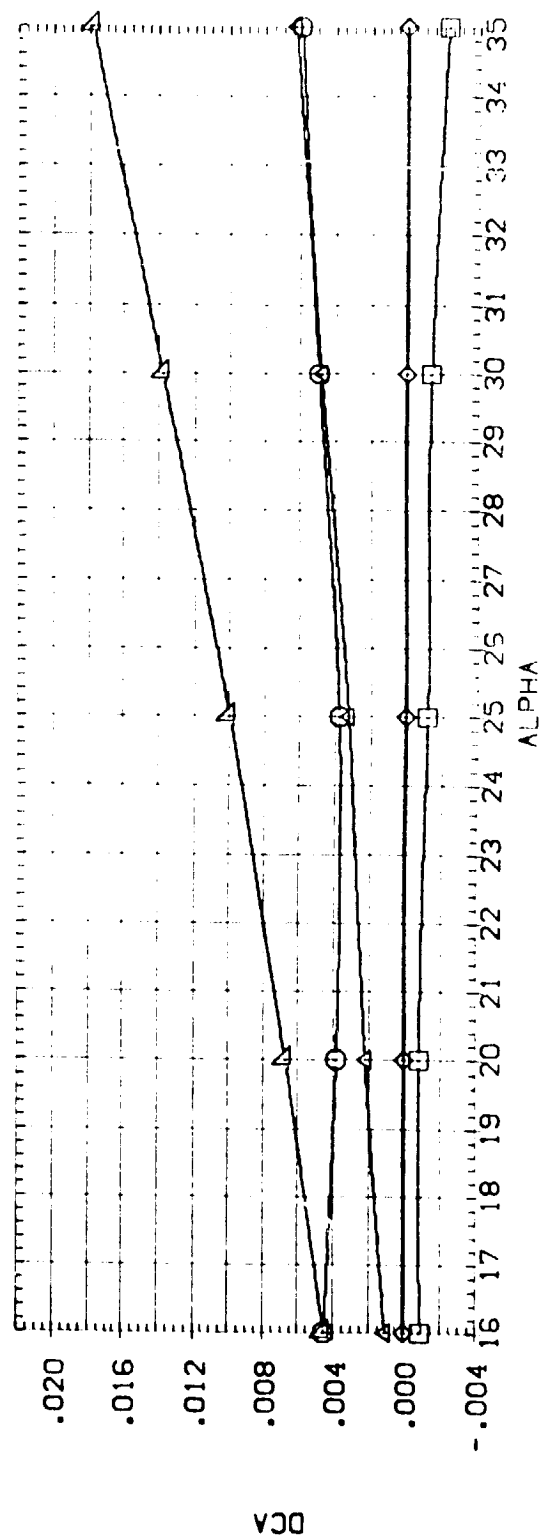
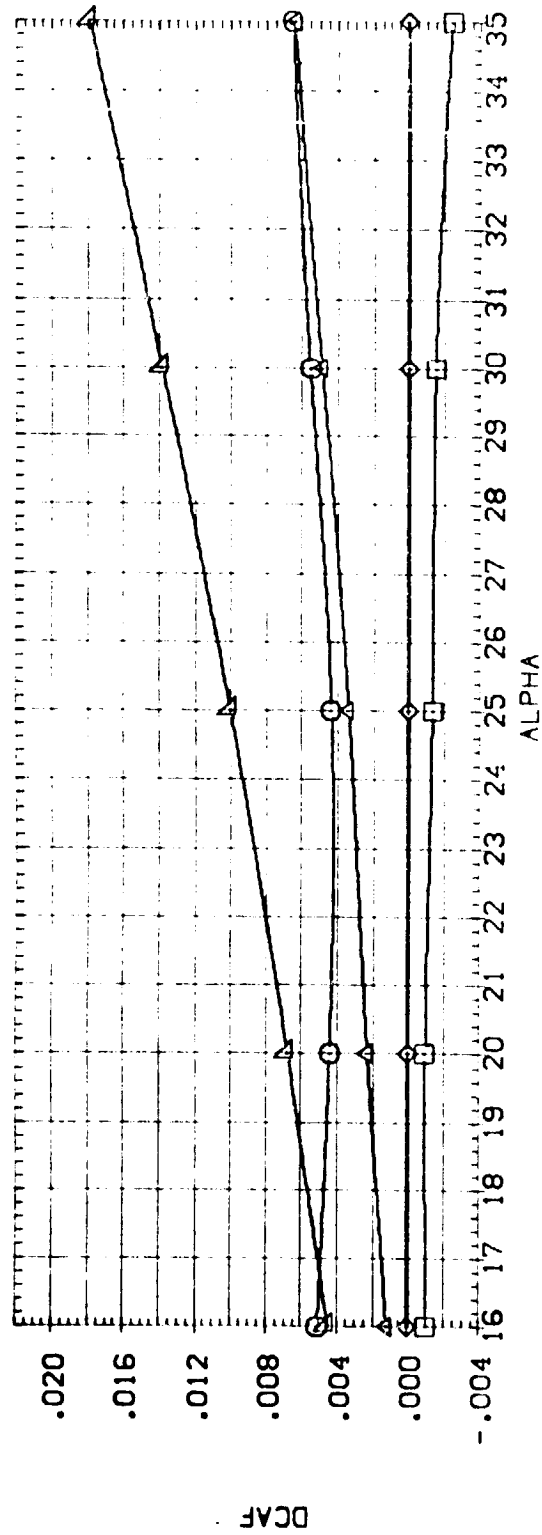


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BDFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(FTN027)	AEDC VA474(CA77/78) (B26C9-7M7)(V116E26)(VBR5)	-40.000	.000	55.000	.000	SREF 37.1560 50. IN.
(FTN030)	AEDC VA474(CA77/78) (B26C9-7M7)(V116E26)(VBR5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(FTN031)	AEDC VA474(CA77/78) (B26C9-7M7)(V116E26)(VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(FTN041)	AEDC VA474(CA77/78) (B26C9-7M7)(V116E26)(VBR5)	5.000	.000	55.000	.000	XMRP .0000 INCHES
(FTN042)	AEDC VA474(CA77/78) (B26C9-7M7)(V116E26)(VBR5)	10.000	.000	55.000	.000	YMRP -.3750 INCHES
						SCALE .0150

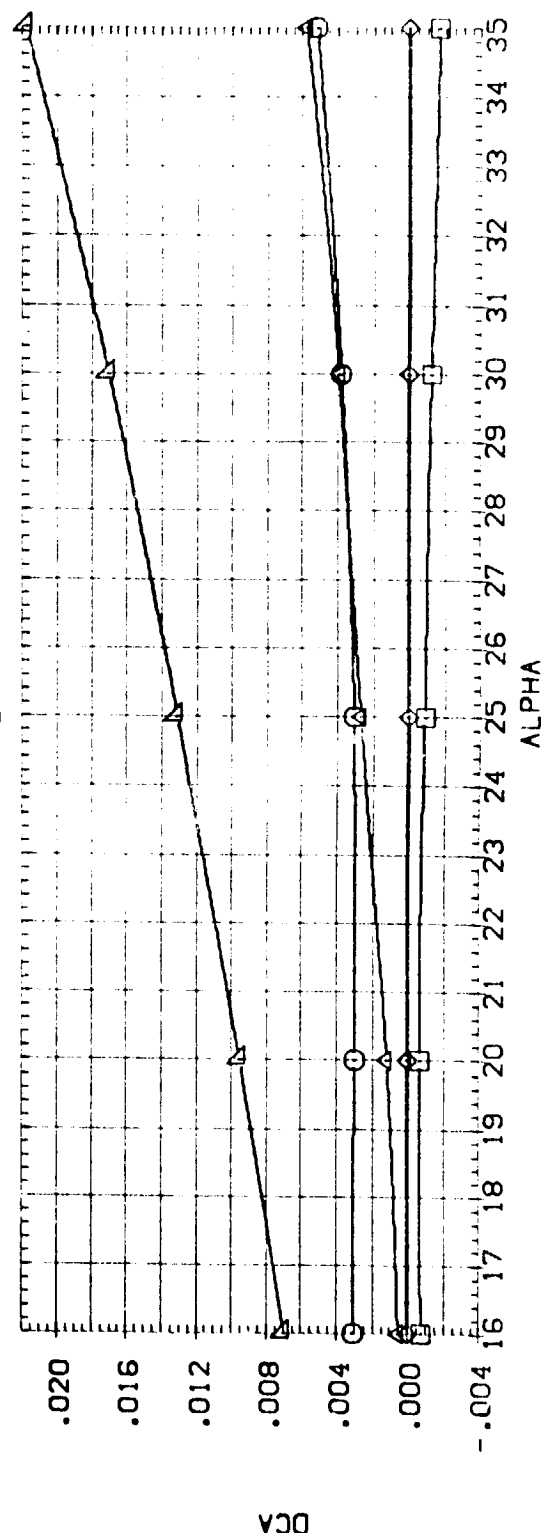
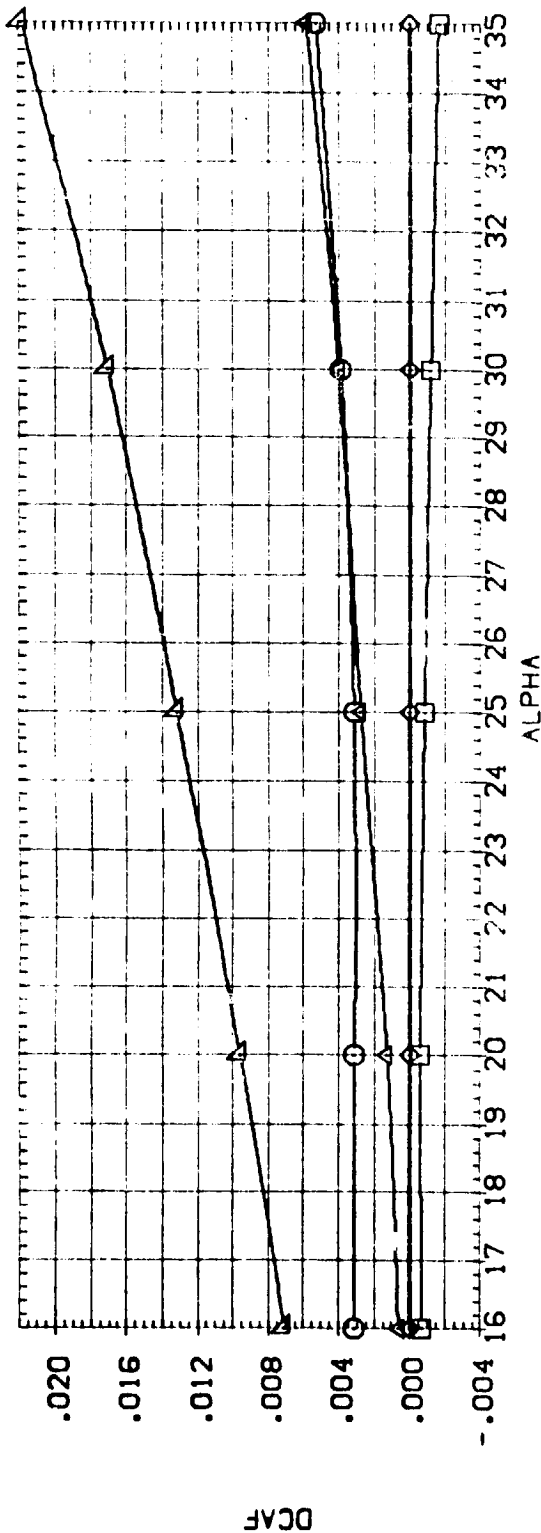


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDR	REFERENCE INFORMATION
(FTN027)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26)(V8RS)	-40.000	.000	55.000	.000	SREF 87.1560 SQ.IN.
(FTN030)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26)(V8RS)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(FTN031)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26)(V8RS)	.000	.000	55.000	.000	BREF 12.0520 INCHES
(FTN041)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26)(V8RS)	5.000	.000	55.000	.000	XMRP .6250 INCHES
(FTN042)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26)(V8RS)	10.000	.000	55.000	.000	YMRP .0000 INCHES
						ZMRP .3750 INCHES
						SCALE .0150

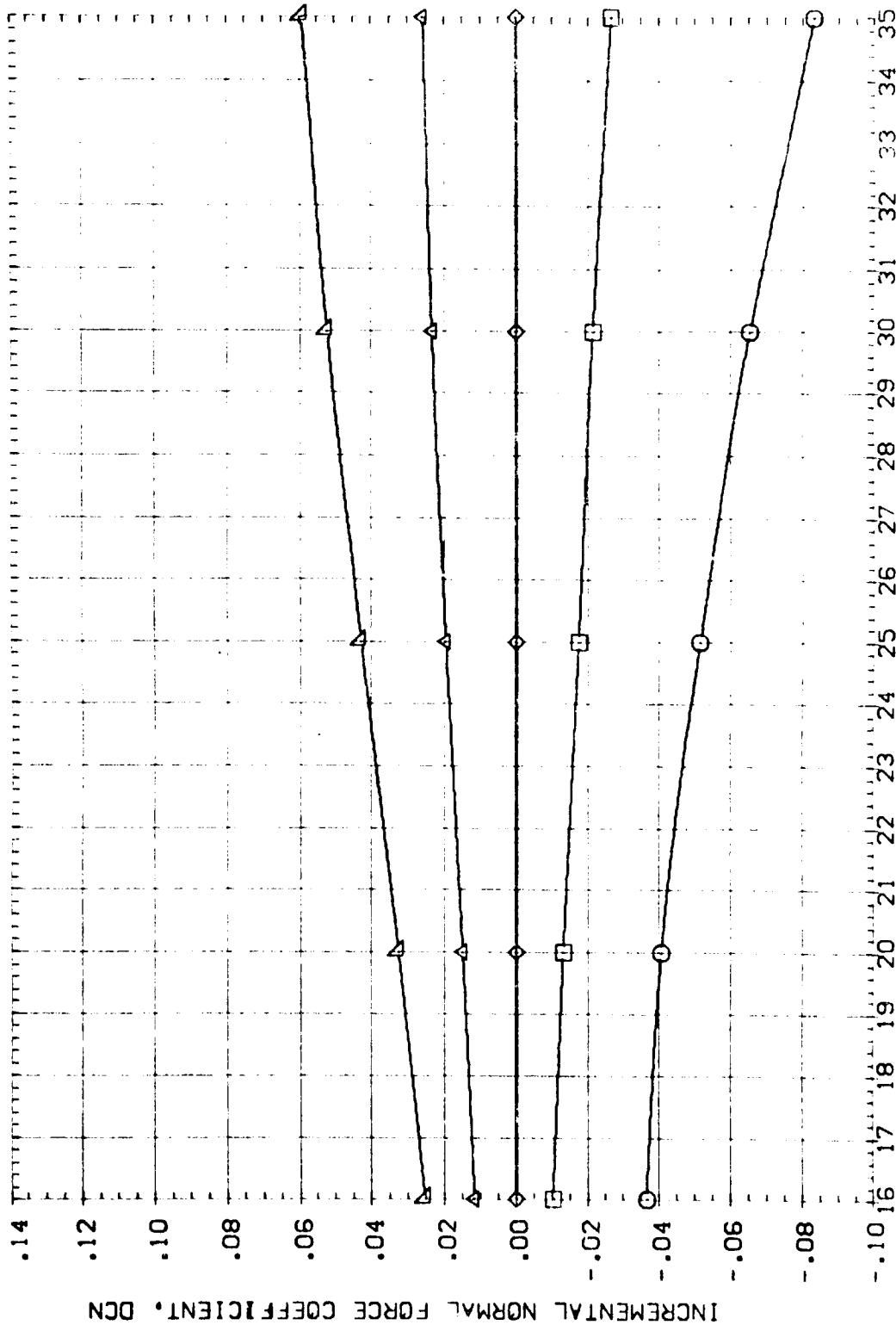


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
 (A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO. IN.
(FTN027)	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8RS)	-40.000	.000	55.000	.000	SREF	87.1560
(FTN030)	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8RS)	-5.000	.000	55.000	.000	UREF	7.1220
(FTN031)	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8RS)	.000	.000	55.000	.000	BREF	14.0520
(FTN041)	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8RS)	5.000	.000	55.000	.000	XMRP	12.6230
(FTN042)	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8RS)	10.000	.000	55.000	.000	YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

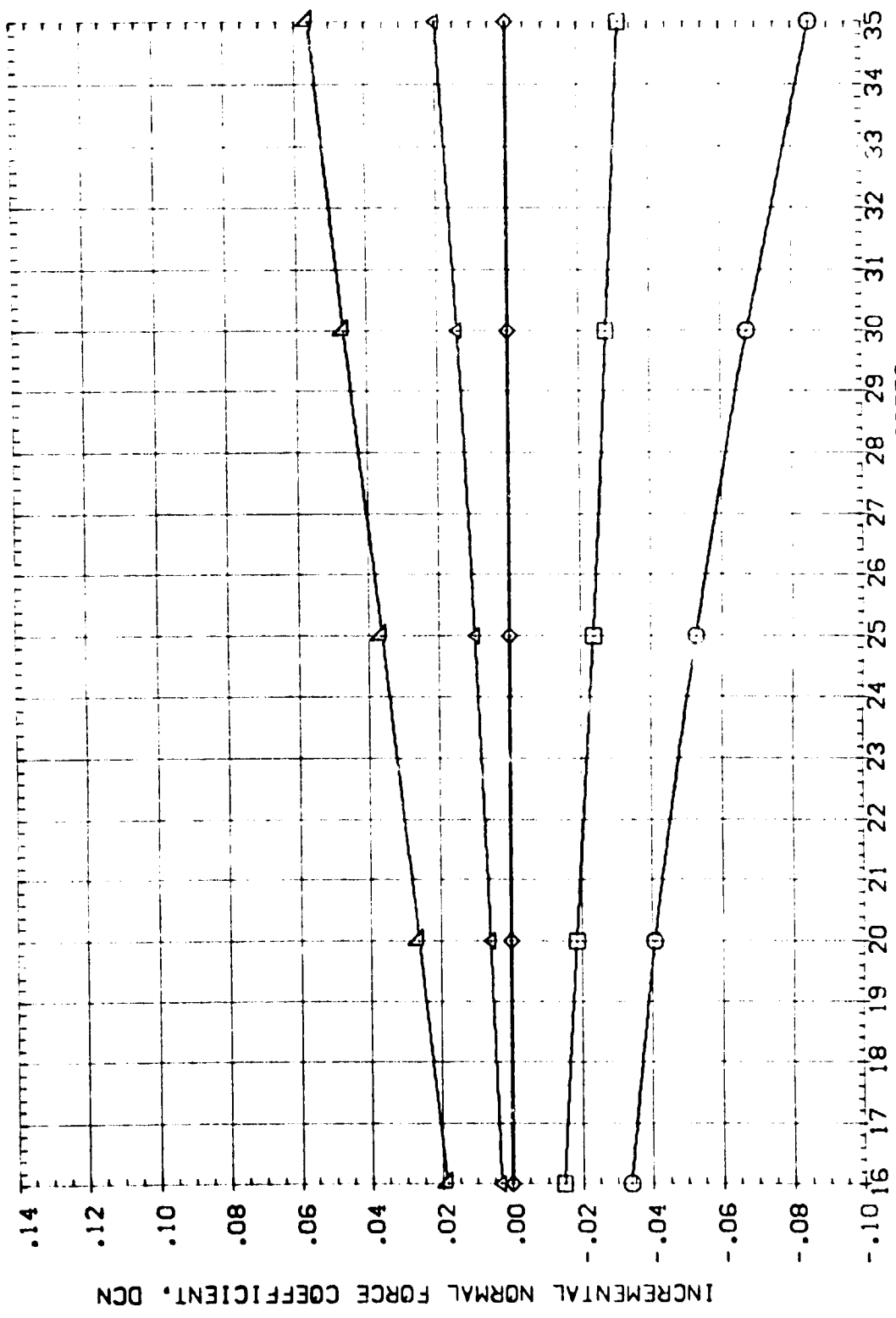


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDRK	RUDDER	REFERENCE INFORMATION
{FTN027}	AEDC VA474(OA77/78) (B26C9777) (V1 6E26)(V8RS)	-40.000	.000	55.000	.000	SREF 87.1560 SQ.IN
{FTN030}	AEDC VA474(OA77/78) (B26C9777) (V1 6E26)(V8RS)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
{FTN031}	AEDC VA474(OA77/78) (B26C9777) (V1 6E26)(V8RS)	.000	.000	55.000	.000	BREF 14.0520 INCHES
{FTN041}	AEDC VA474(OA77/78) (B26C9777) (V1 6E26)(V8RS)	5.000	.000	55.000	.000	XMRP 12.6250 INCHES
{FTN042}	AEDC VA474(OA77/78) (B26C9777) (V1 6E26)(V8RS)	10.000	.000	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

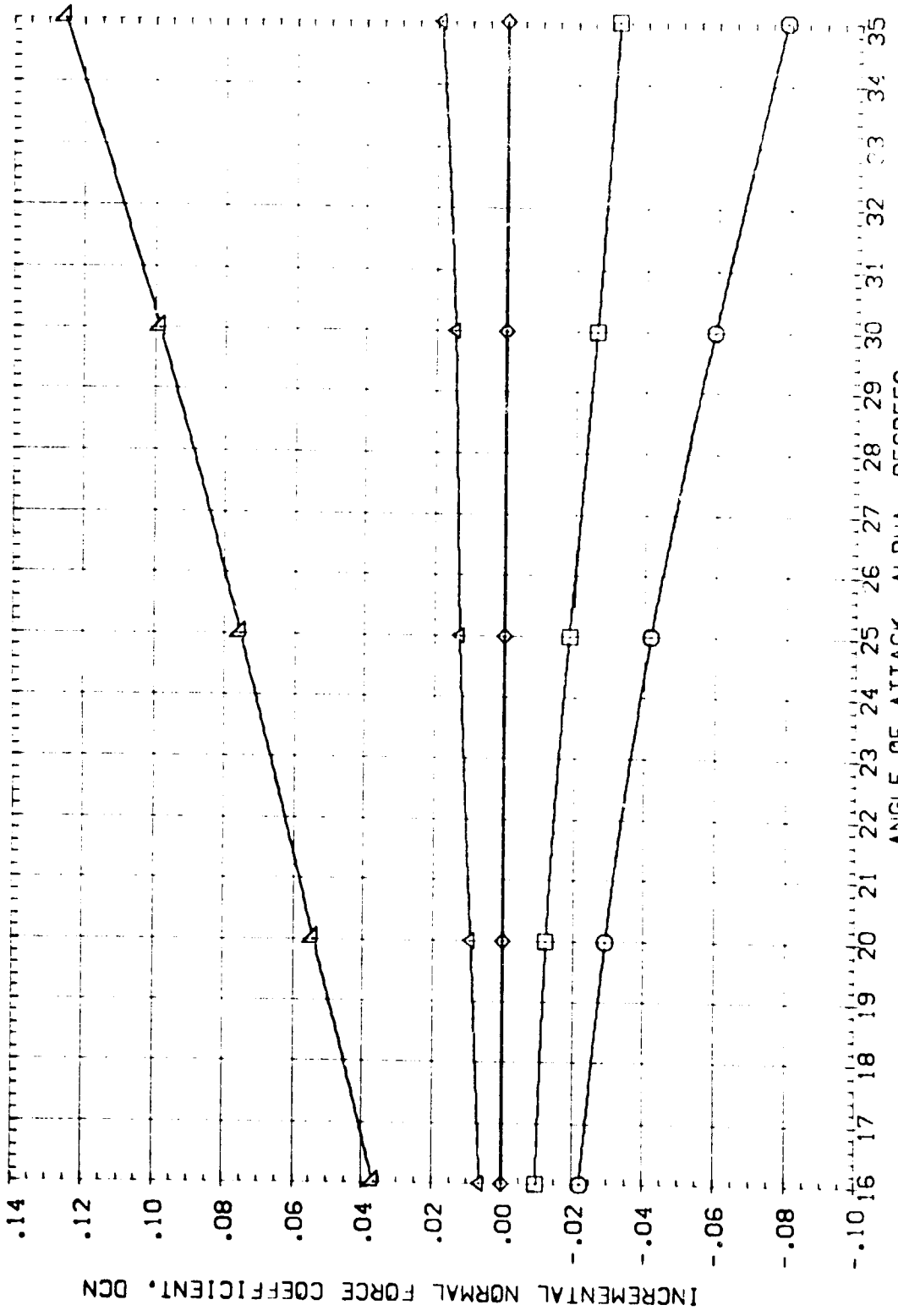


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN027)	AEDC VA474(CA77/78) (B26C9F7M7)(V1) 5261(VBR5)	-10.000	.000	55.000	.000	SREF 87.1560 SO. IN.
(FTN030)	AEDC VA474(CA77/78) (B26C9F7M7)(V1) 5261(VBR5)	-5.000	.000	55.000	.000	LREF 7.1250 INCHES
(FTN031)	AEDC VA474(CA77/78) (B26C9F7M7)(V1) 5261(VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(FTN041)	AEDC VA474(CA77/78) (B26C9F7M7)(V1) 5261(VBR5)	5.000	.000	55.000	.000	XMRP 12.6250 INCHES
(FTN042)	AEDC VA474(CA77/78) (B26C9F7M7)(V1) 5261(VBR5)	10.000	.000	55.000	.000	ZMRP .0000 INCHES
						SCALE .3750 INCHES

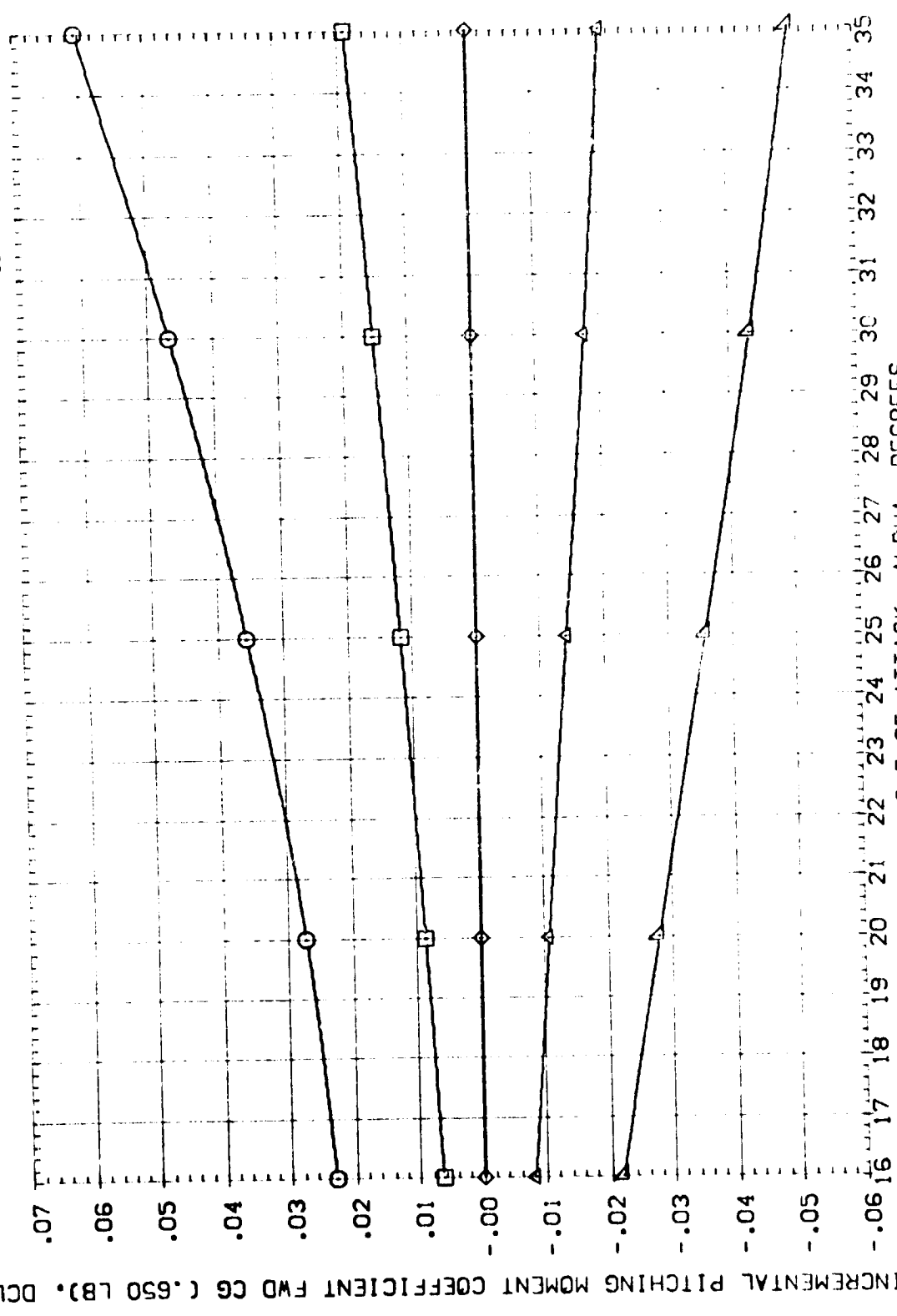


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(M) VACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN027)	VEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V895)	-40.000	.000	55.000	.000	SREF 87.1560 SQ IN.
(FTN030)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V895)	-5.000	.000	55.000	.000	REF 7.1220 INCHES
(FTN031)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V895)	.000	.000	55.000	.000	BREF 14.0220 INCHES
(FTN041)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V895)	5.000	.000	55.000	.000	XMRP 12.6250 INCHES
(FTN042)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V895)	10.000	.000	55.000	.000	ZMRP 3.350 INCHES

SCALE

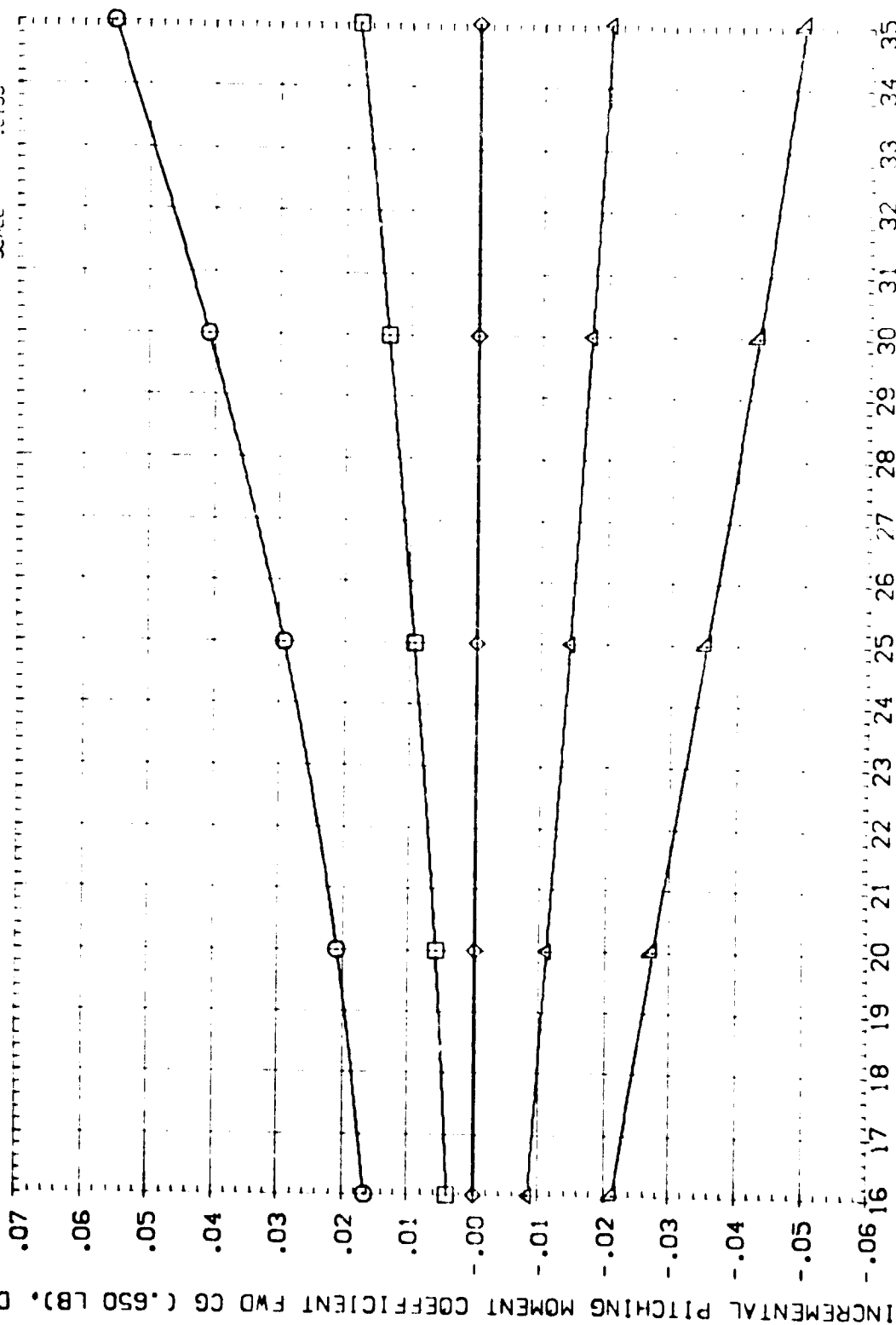


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN027)	AEDC VA474(0A77/78) (B26C97747) (V116E26)(V875)	-40.000	.000	55.000	.000	SREF 87.1560 SC.IN.
(FTN030)	AEDC VA474(0A77/78) (B26C97747) (V116E26)(V875)	-5.000	.000	55.000	.000	LREF 7.1220
(FTN031)	AEDC VA474(0A77/78) (B26C97747) (V116E26)(V875)	.000	.000	55.000	.000	BREF 15.0350
(FTN041)	AEDC VA474(0A77/78) (B26C97747) (V116E26)(V875)	5.000	.000	55.000	.000	XMRP 12.8250
(FTN042)	AEDC VA474(0A77/78) (B26C97747) (V116E26)(V875)	10.000	.000	55.000	.000	YMRP .0000
						ZMRP -.3750
						SCALE .0150

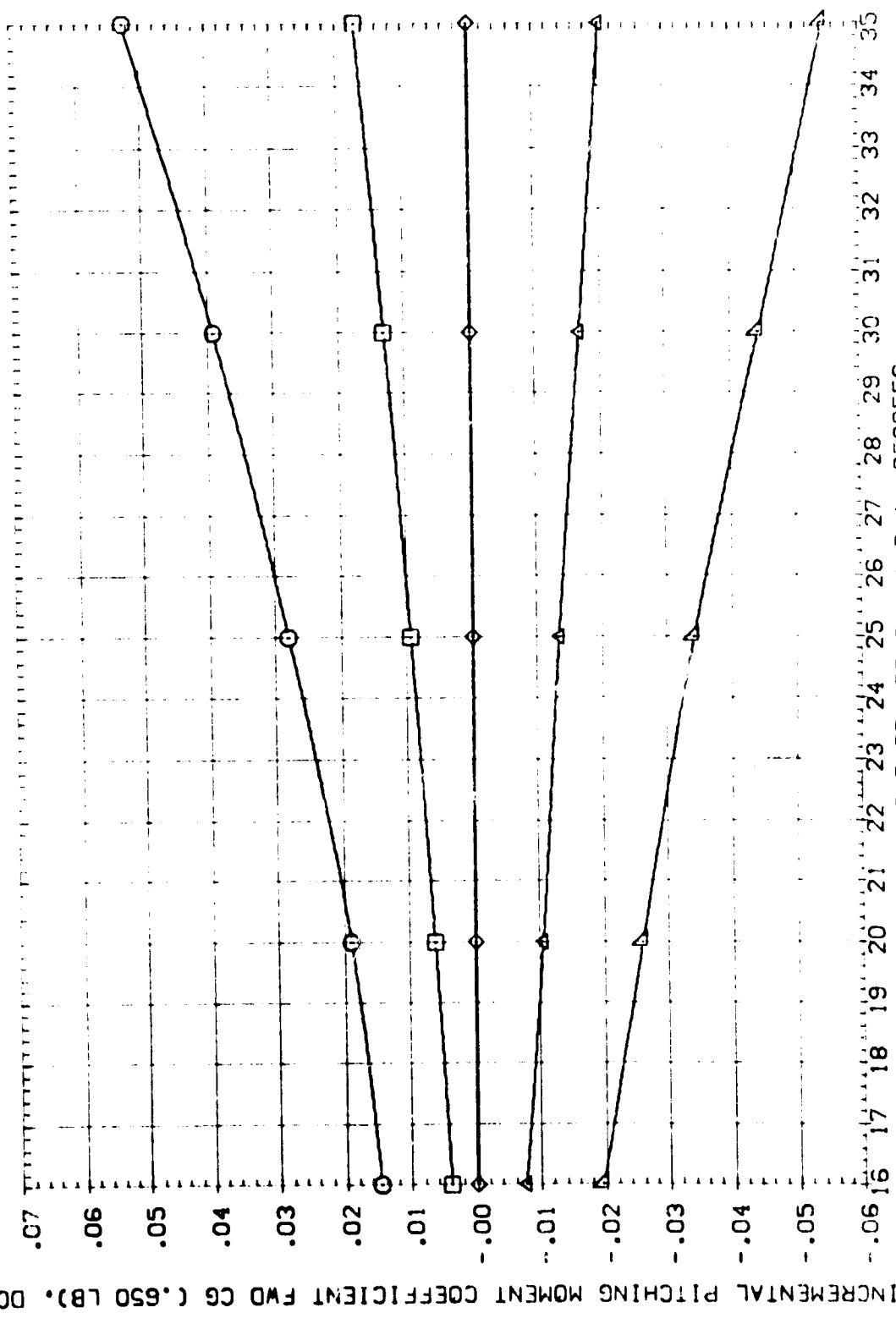


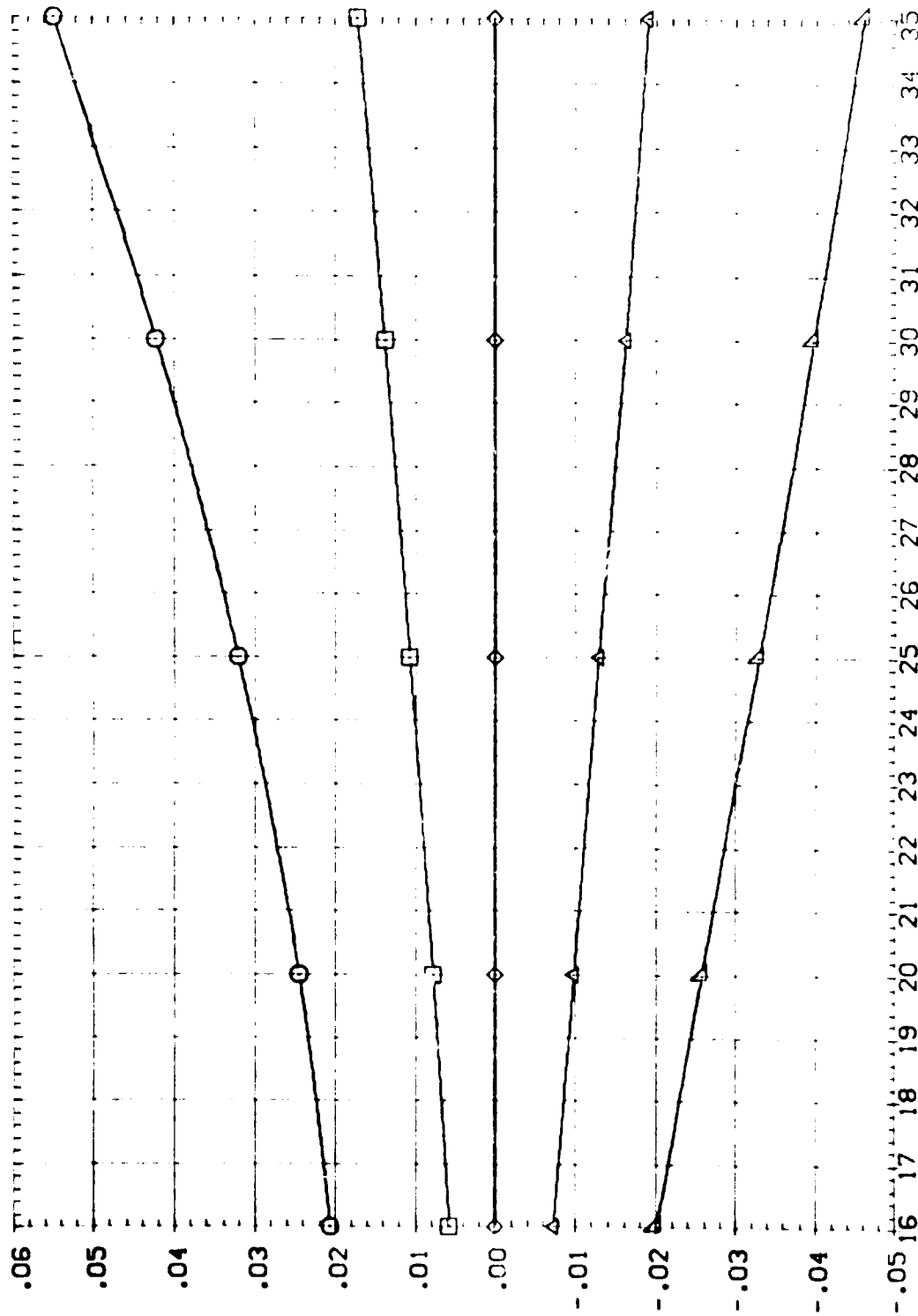
FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(CO)MACH = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN027)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V895)	-40.000	.000	55.000	.000	SREF 87.1560
(FTN030)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V895)	-5.000	.000	55.000	.000	SREF 7.1320
(FTN031)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V895)	.000	.000	55.000	.000	SREF 14.0520
(FTN041)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V895)	5.000	.000	55.000	.000	XMRP 12.6250
(FTN042)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26) (V895)	10.000	.000	55.000	.000	XMRP 1.0000
						ZMRP -.3750
						SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB). DCLMAF



ANGLE OF ATTACK, ALPHA, DEGREES

FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(A)MAC = 6.00

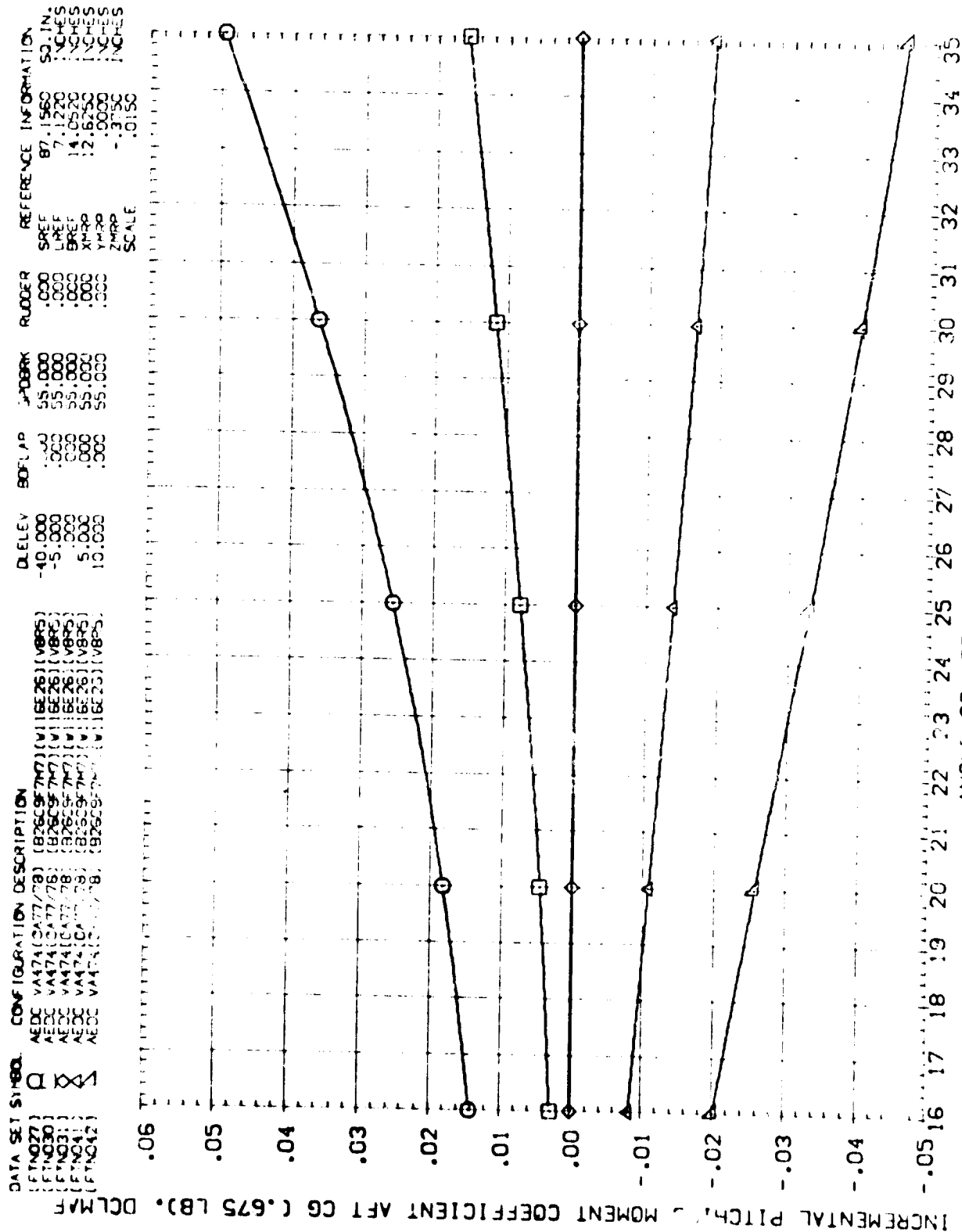


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.
 (3)MACH = 8.00
 ANGLE OF ATTACK, ALPHA, DEGREES

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	QLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN027)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	-40.000	.000	55.000	.000	SREF 87.1560 50. IN.
(FTN030)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	-5.000	.000	55.000	.000	LREF 7.1220 INCHES
(FTN031)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
(FTN041)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	5.000	.000	55.000	.000	YMRP 12.6250 INCHES
(FTN042)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	10.000	.000	55.000	.000	ZMRP .0000 INCHES
						SCALE .0150

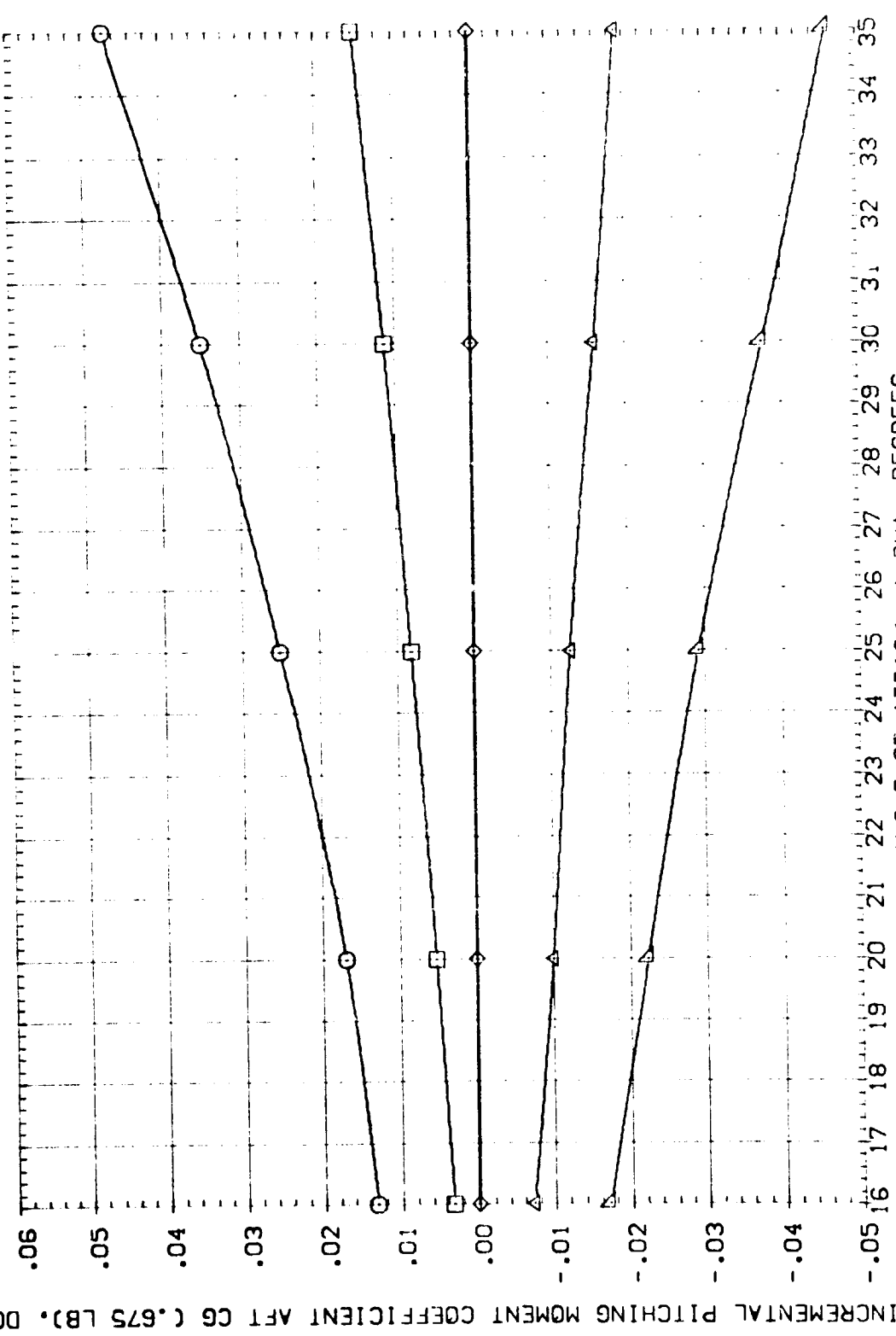


FIG 07 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 0 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO IN
[ATQ45]	AEDC VA474(CA77/78) (B2EC9-7M7) (V116E26) (VB85)	-40.000	6.300	55.000	.000	SREF 8.1560	50 IN
[ATQ46]	AEDC VA474(CA77/78) (B2EC9-7M7) (V116E26) (VB85)	-5.000	6.300	55.000	.000	LREF 7.1220	NOEUS
[ATQ47]	AEDC VA474(CA77/78) (B2EC9-7M7) (V116E26) (VB85)	.000	6.300	55.000	.000	SREF 7.0520	NOEUS
[ATQ56]	AEDC VA474(CA77/78) (B2EC9-7M7) (V116E26) (VB85)	5.000	6.300	55.000	.000	XMRP 12.5280	NOEUS
[ATQ57]	AEDC VA474(CA77/78) (B2EC9-7M7) (V116E26) (VB85)	10.000	6.300	55.000	.000	YMRP 12.5280	NOEUS
[ATQ61]	AEDC VA474(CA77/78) (B2EC9-7M7) (V116E26) (VB85)	15.000	6.300	55.000	.000	ZMRP 12.5280	NOEUS
						SCALE	0.150

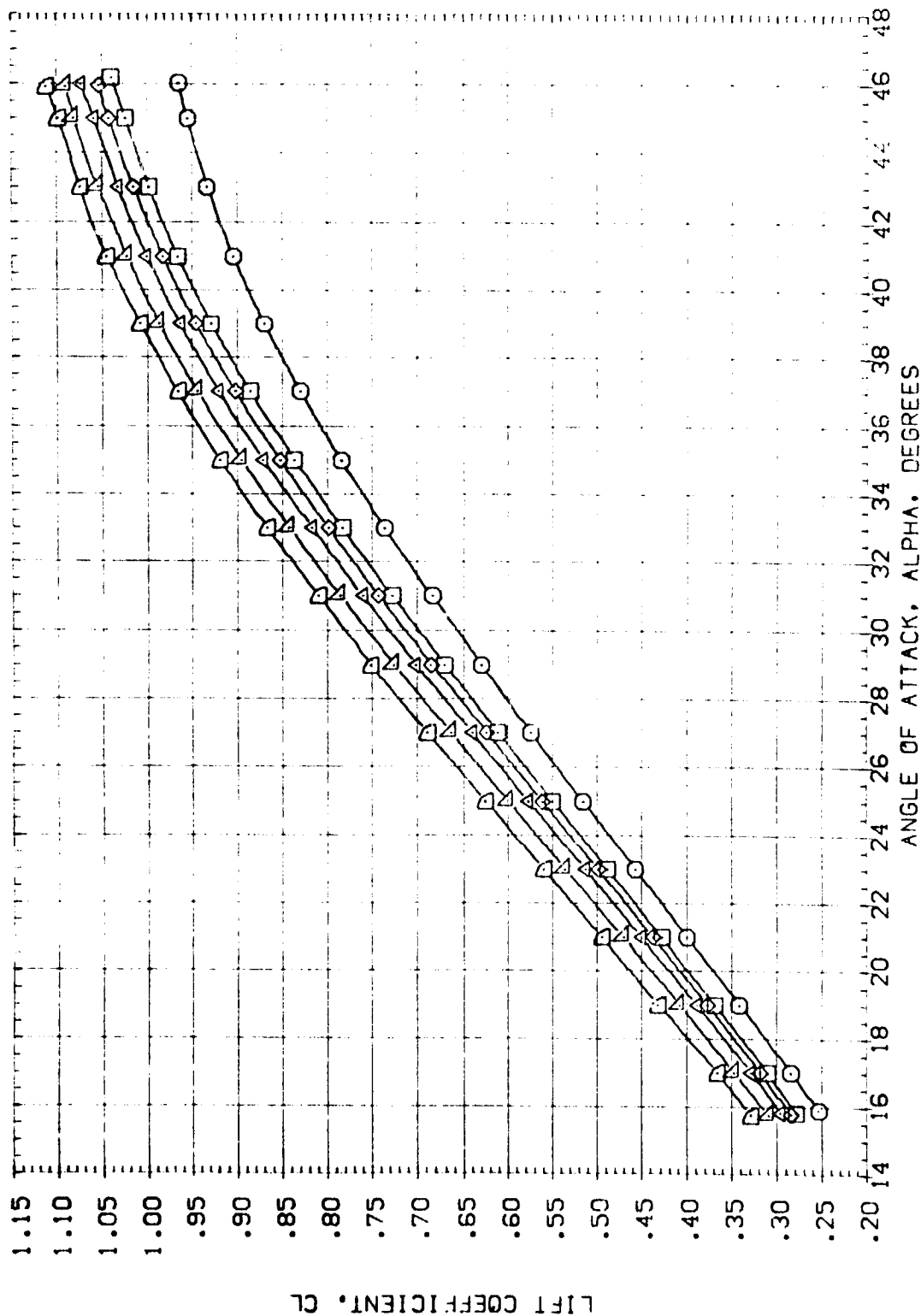


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(A1N045)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-10.000	16.300	55.000	.000	SREF 87.1560 50.11N.
(A1N046)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	16.300	55.000	.000	LREF 7.1220 12.0520
(A1N047)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	16.300	55.000	.000	BREF 12.6250 12.6250
(A1N056)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	16.300	55.000	.000	XMRP .0000 .0000
(A1N057)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	16.300	55.000	.000	ZMRP .0000 .0000
(A1N061)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	15.000	16.300	55.000	.000	SCALE .0150

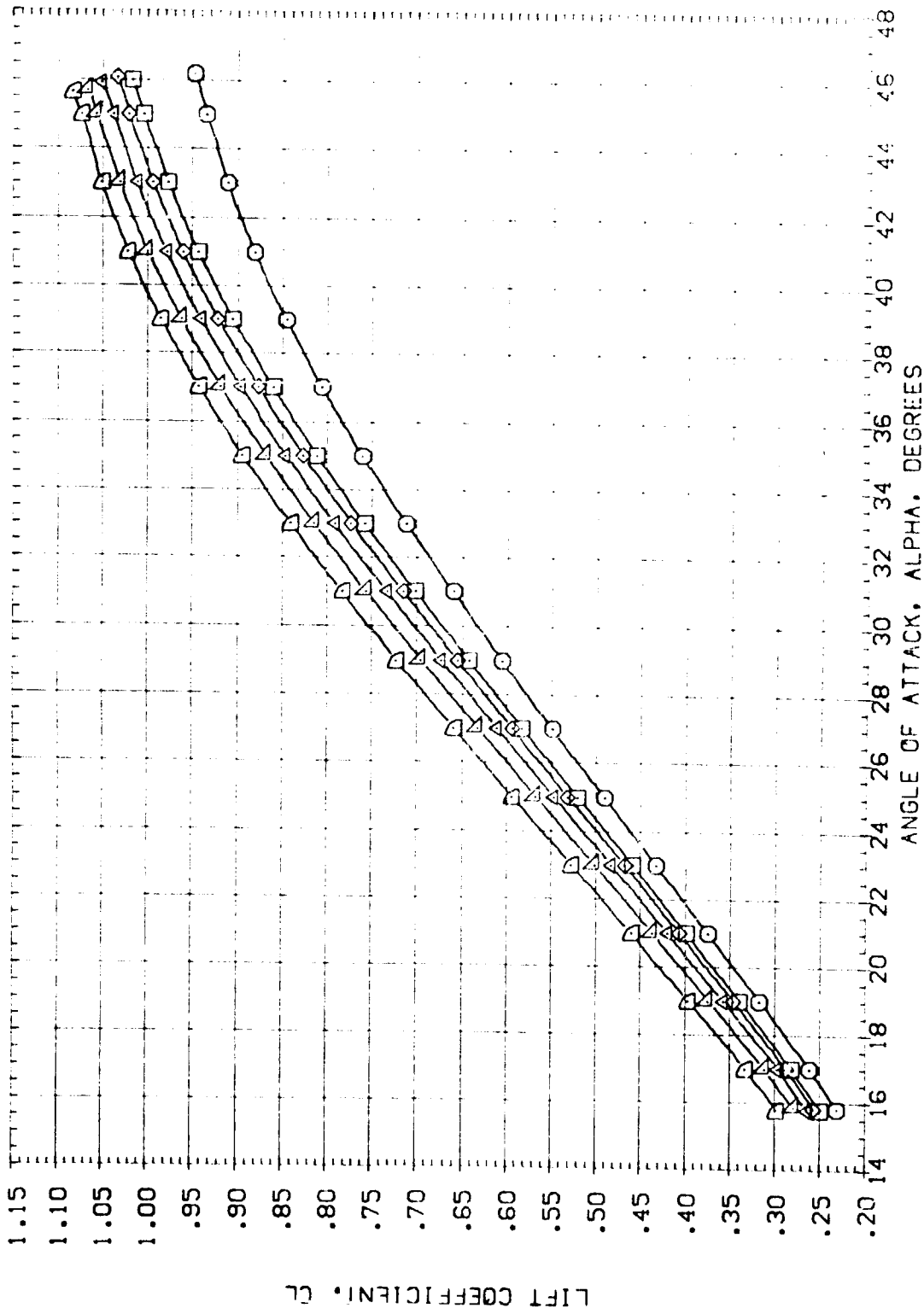


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN045)	AEDC VA474 (CAT7/78) (826C9F7M7) (V116E26) (V8RS)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ IN
(ATN046)	AEDC VA474 (CAT7/78) (826C9F7M7) (V116E26) (V8RS)	-5.000	16.300	55.000	.000	LREF 7.1220 NCIES
(ATN047)	AEDC VA474 (CAT7/78) (826C9F7M7) (V116E26) (V8RS)	.000	16.300	55.000	.000	BREF 4.0520 NCIES
(ATN056)	AEDC VA474 (CAT7/78) (826C9F7M7) (V116E26) (V8RS)	5.000	16.300	55.000	.000	XMRP 12.6250 NCIES
(ATN057)	AEDC VA474 (CAT7/78) (826C9F7M7) (V116E26) (V8RS)	10.000	16.300	55.000	.000	YMRP .0000 NCIES
(ATN058)	AEDC VA474 (CAT7/78) (826C9F7M7) (V116E26) (V8RS)	15.000	16.300	55.000	.000	ZMRP .3750 NCIES
						SCALE .0150

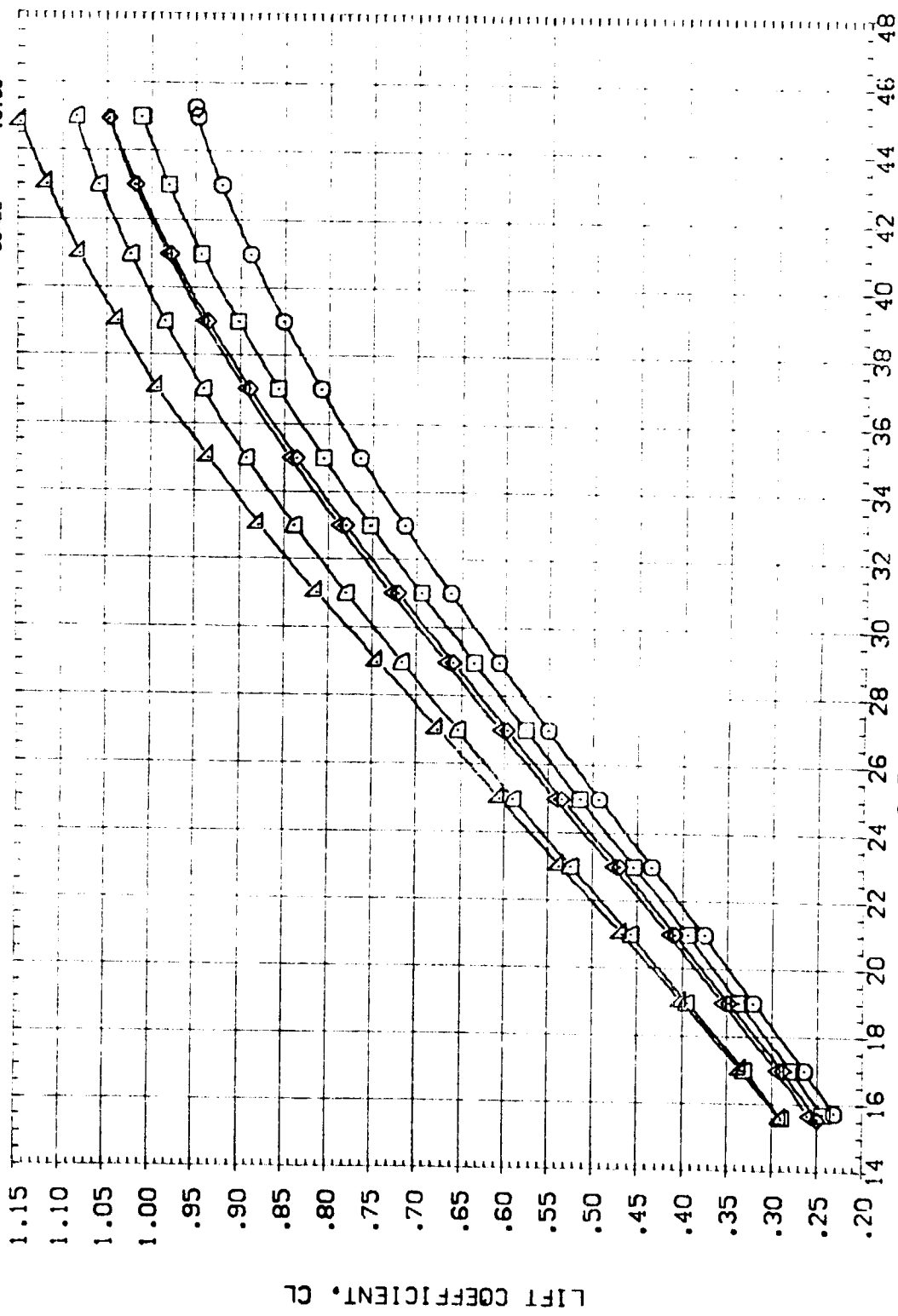


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDBRK	RUDER	REFERENCE	INFORMATION
[ATN045]	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF	87.1560 SO. IN.
[ATN046]	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF	7.1220 INCHES
[ATN047]	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8R5)	.000	16.300	55.000	.000	BREF	14.0520 INCHES
[ATN056]	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8R5)	5.000	16.300	55.000	.000	YMRP	1.3750 INCHES
[ATN057]	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8R5)	10.000	16.300	55.000	.000	ZMRP	3.7500 INCHES
[ATN061]	AEDC VA474(OA77/78) (B26C9F7H7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	SCALE	0.150

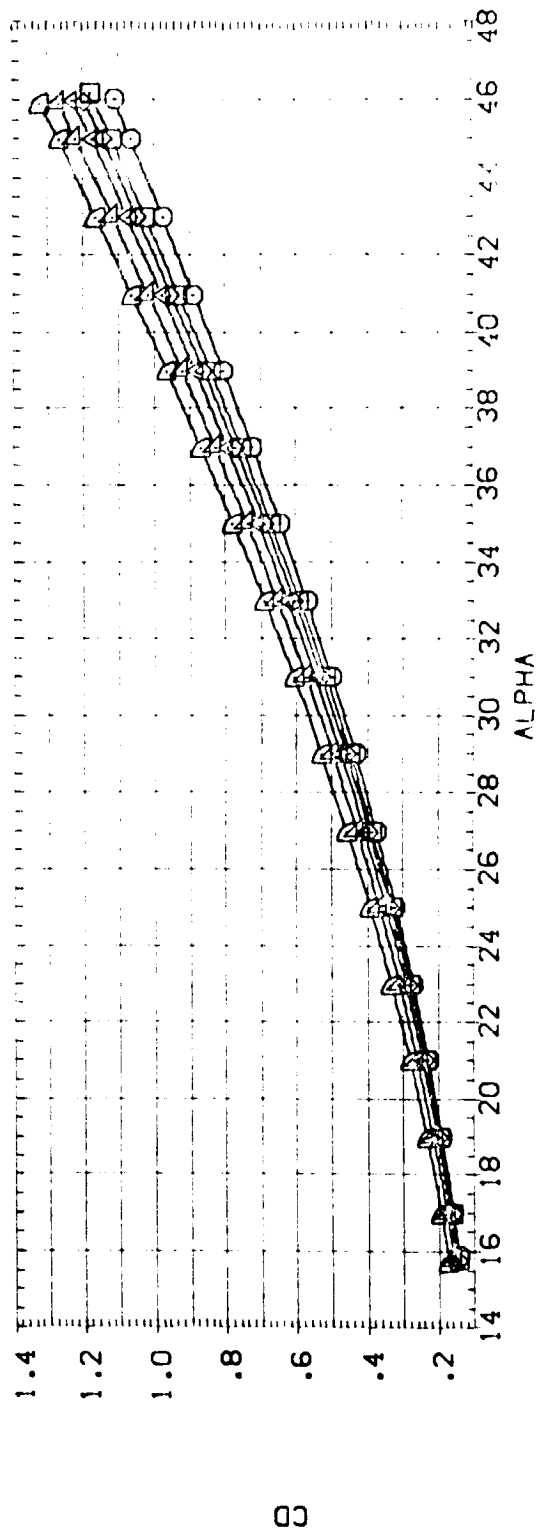
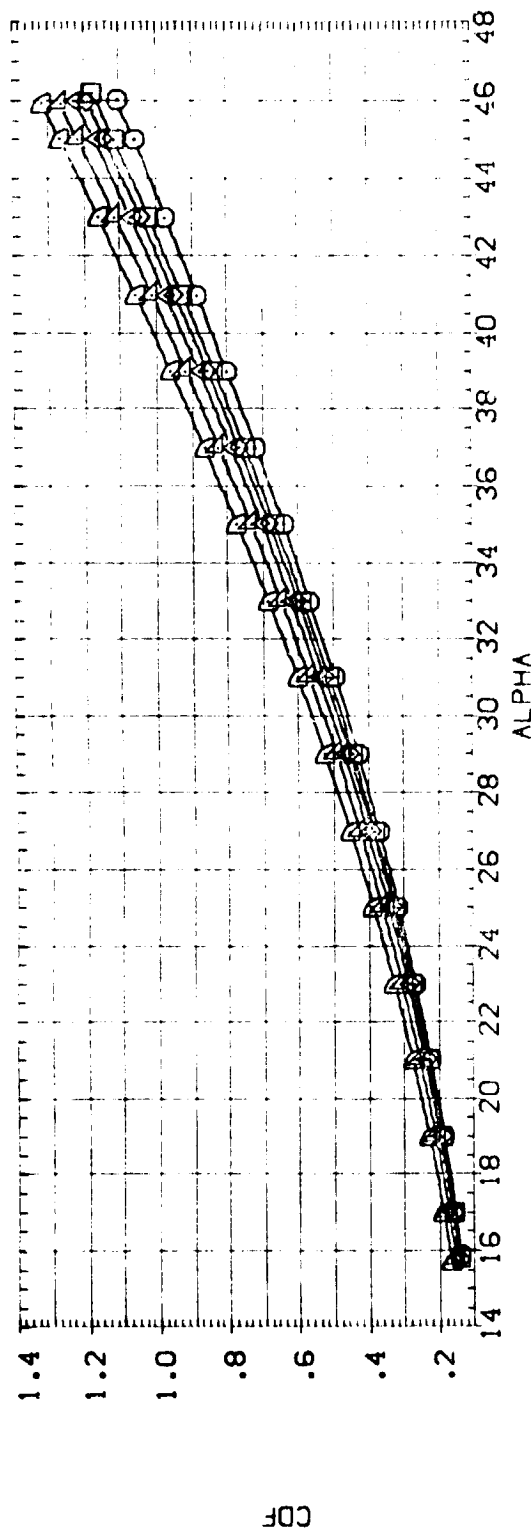


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 5.95

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION	SO. IN.
(ATN045)	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (V8RS)	-40.000	16.300	55.000	.000	SREF 87.1560	NCHESS
(ATN046)	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (V8RS)	-5.000	16.300	55.000	.000	LREF 7.1220	NCHESS
(ATN047)	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (V8RS)	.000	16.300	55.000	.000	BREF 14.0520	NCHESS
(ATN056)	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (V8RS)	.000	16.300	55.000	.000	XMRP 12.6250	NCHESS
(ATN057)	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (V8RS)	10.000	16.300	55.000	.000	ZMRP .0000	NCHESS
(ATN061)	AEDC VA474 (CA77/78) (B26C9F7M7) (V116E26) (V8RS)	15.000	16.300	55.000	.000	ZMRP -.3750	NCHESS
						SCALE .0150	

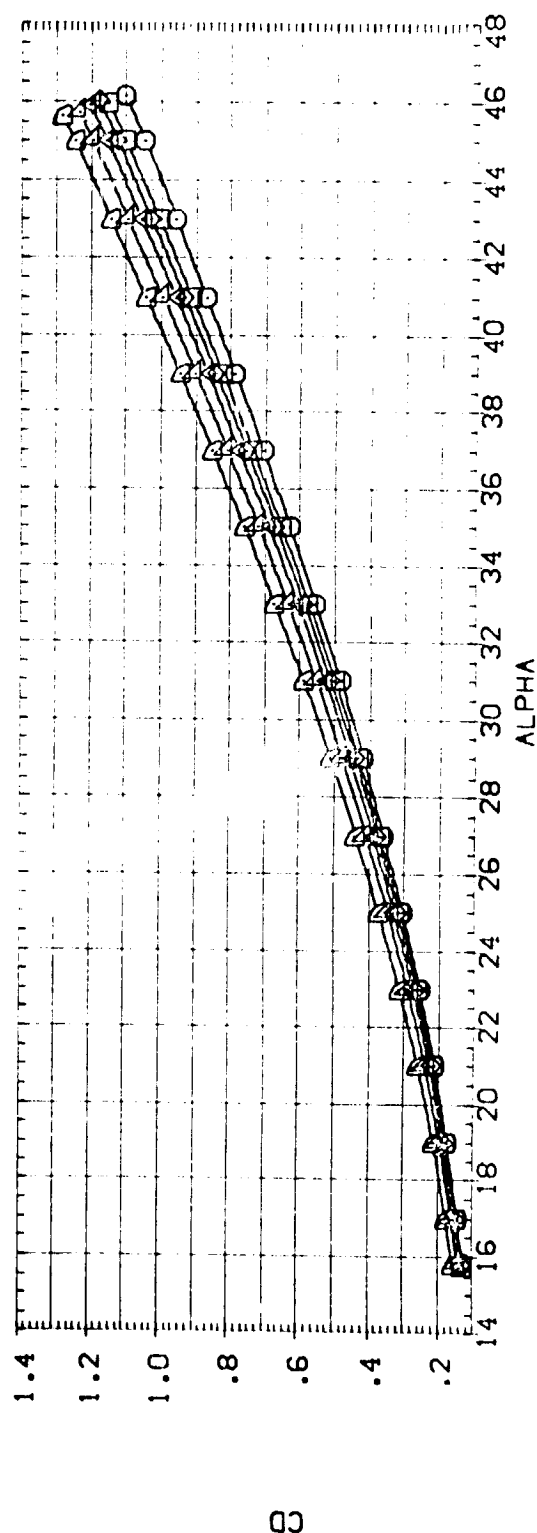
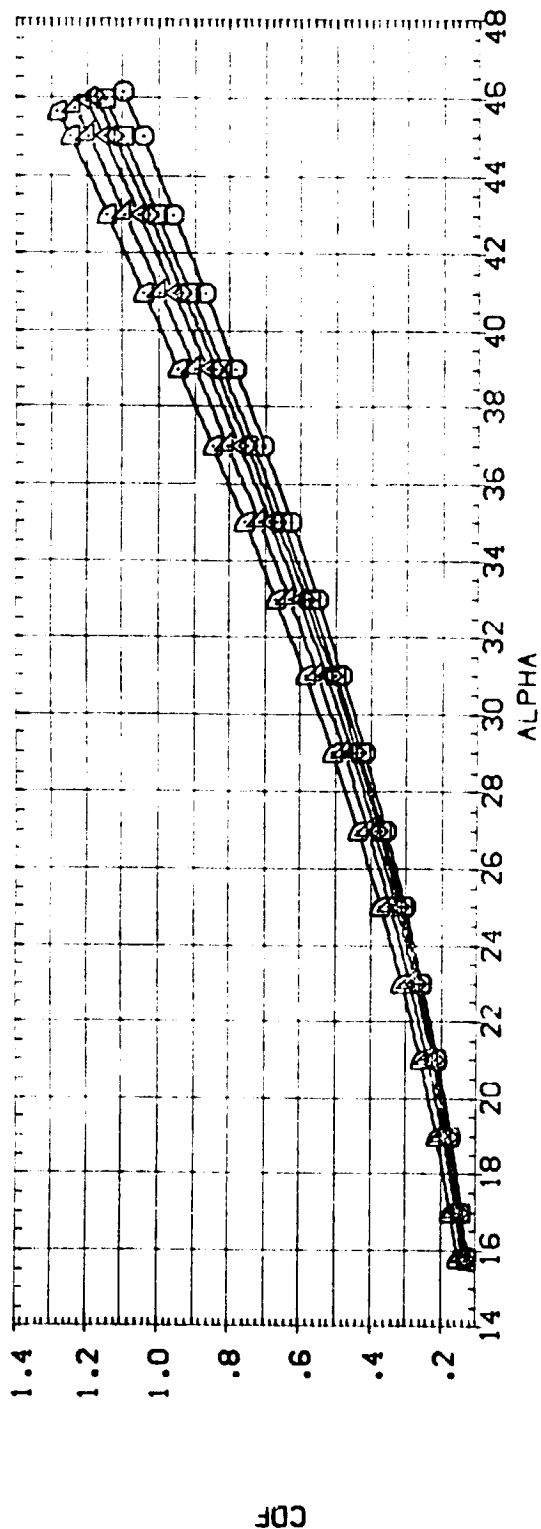


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E2S) (V8R5)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
[ATN046]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E2S) (V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E2S) (V8R5)	.000	16.300	55.000	.000	BREF 14.0520 INCHES
[ATN056]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E2S) (V8R5)	5.000	16.300	55.000	.000	XMRO .0000 INCHES
[ATN057]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E2S) (V8R5)	10.000	16.300	55.000	.000	YMRP .0000 INCHES
[ATN061]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E2S) (V8R5)	15.000	16.300	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

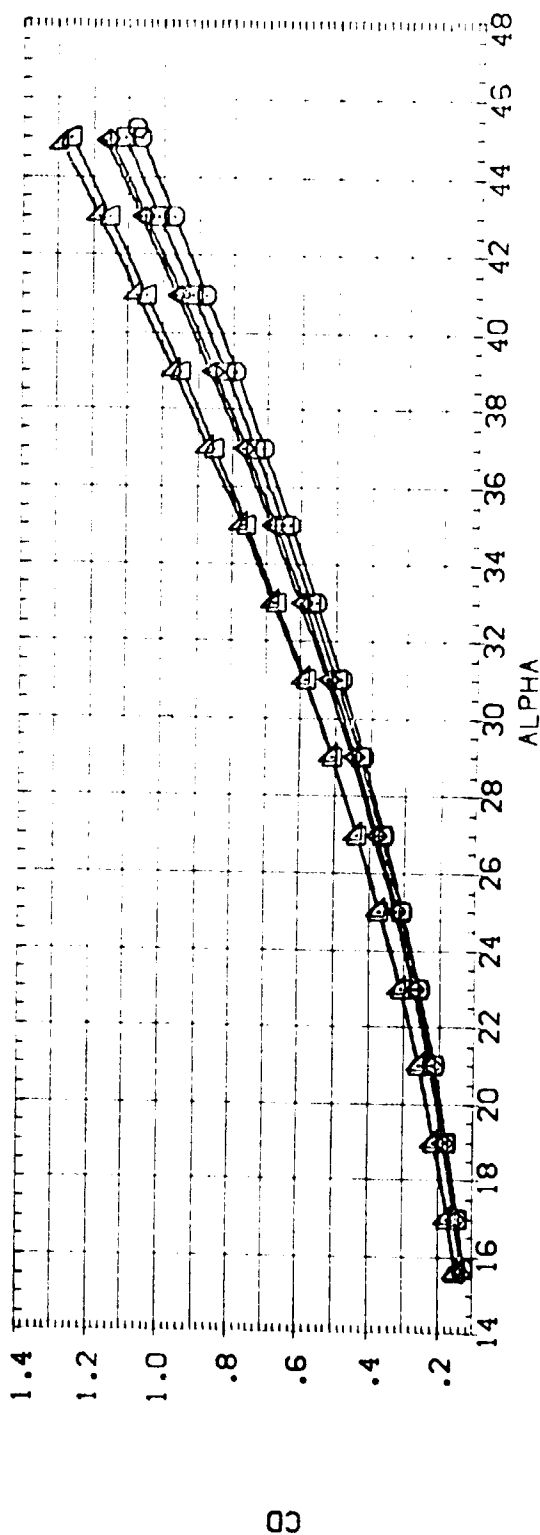
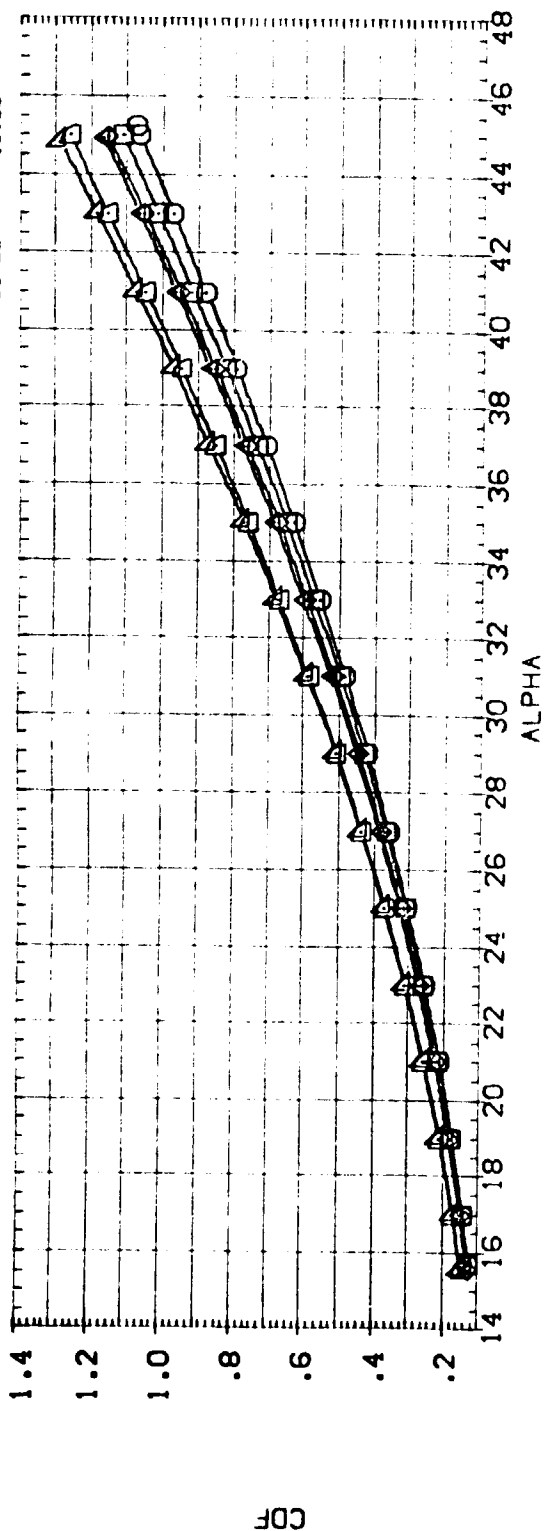


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN045)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ.IN.
(ATN046)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	-5.000	16.300	55.000	.000	LREF 7.1220 NCHES
(ATN047)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(VBR5)	5.000	16.300	55.000	.000	BREF 14.0520 NCHES
(ATN056)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	10.000	16.300	55.000	.000	XMRP .0000 NCHES
(ATN057)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(VBR5)	15.000	16.300	55.000	.000	ZMRP -.3750 NCHES
(ATN061)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)					SCALE .0150

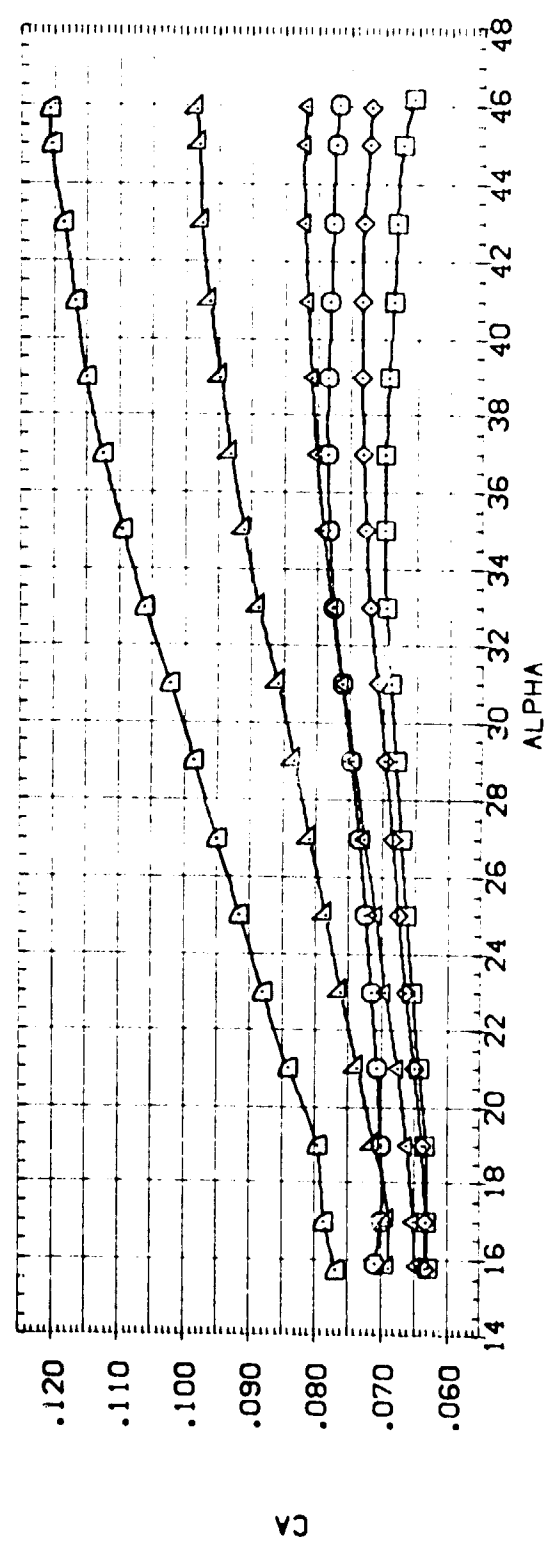
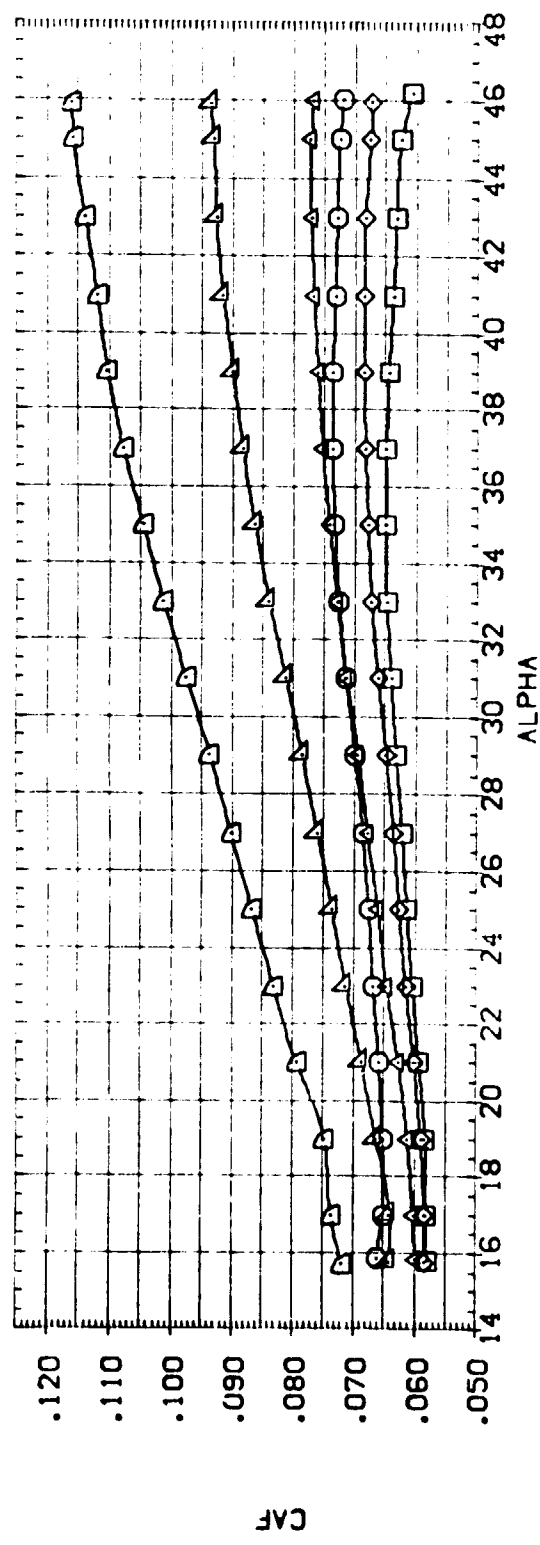


FIG 08 EFFECT OF ELEVATOR DEFLECTION. BODY FLAP= 16.3 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474(0A77/78) (B26C9F7H7) (V1 BE26 V8R5)	-40.000	16.300	55.000	.000	SREF 17.1560 SO.IN.
[ATN046]	AEDC VA474(0A77/78) (B26C9F7H7) (V1 BE26 V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474(0A77/78) (B26C9F7H7) (V1 BE26 V8R5)	.000	16.300	55.000	.000	BREF 4.0520 INCHES
[ATN056]	AEDC VA474(0A77/78) (B26C9F7H7) (V1 BE26 V8R5)	5.000	16.300	55.000	.000	XMRP 2.6250 INCHES
[ATN057]	AEDC VA474(0A77/78) (B26C9F7H7) (V1 BE26 V8R5)	10.000	16.300	55.000	.000	ZMRP .0000 INCHES
[ATN061]	AEDC VA474(0A77/78) (B26C9F7H7) (V1 BE26 V8R5)	15.000	16.300	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

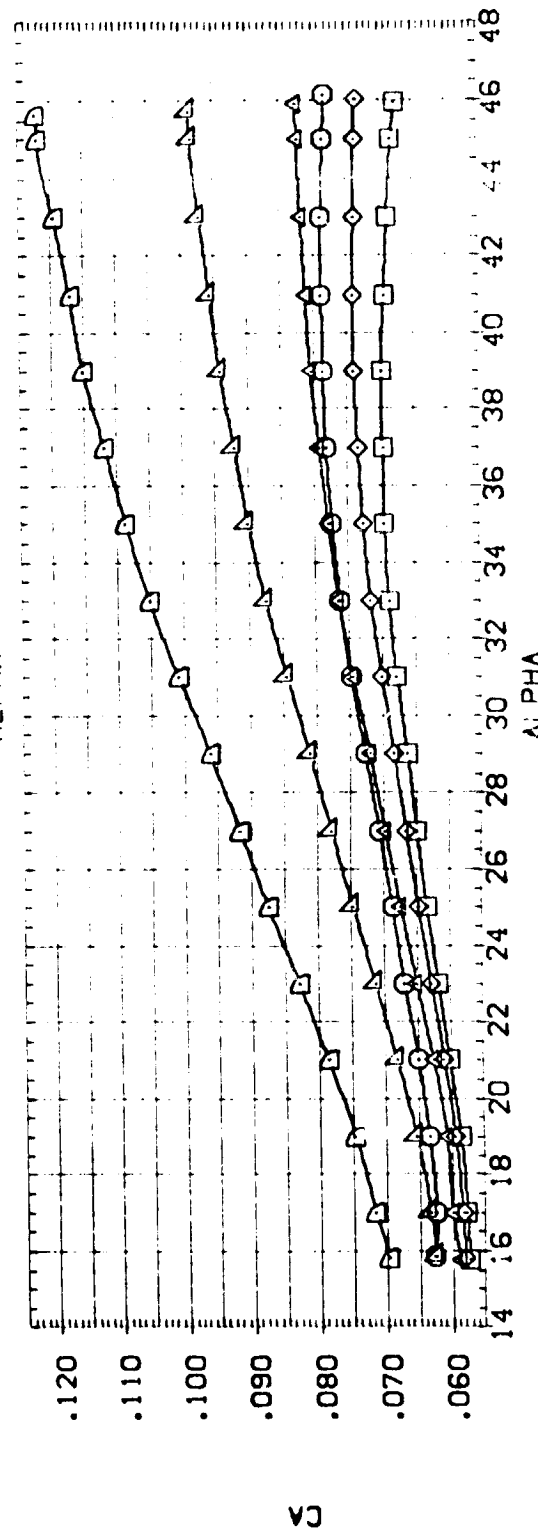
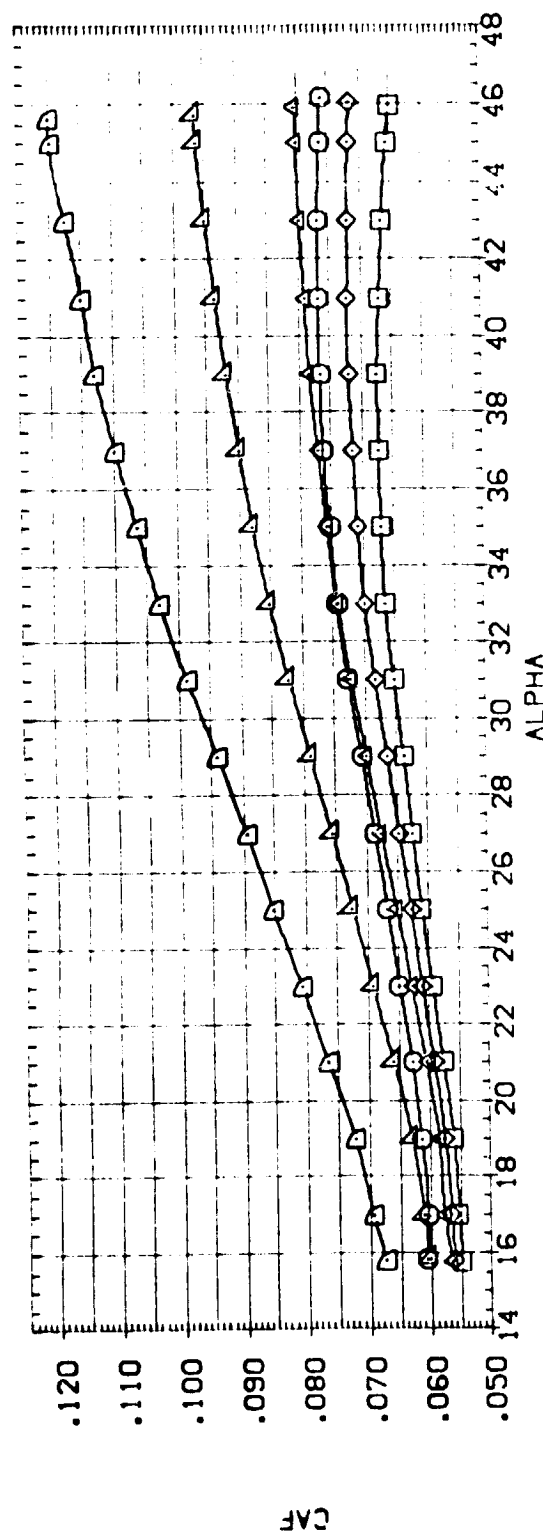


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RJDDER	REFERENCE INFORMATION	SD, IN.
[ATNG45]	AEDC VA474 (0A77/78) (B26C5F 747) (V116E26) (V885)	-40.000	16.300	55.000	.000	SREF	87.1560
[ATNG46]	AEDC VA474 (0A77/78) (B26C5F 747) (V116E26) (V885)	-5.000	16.300	55.000	.000	LREF	7.1220
[ATNG47]	AEDC VA474 (0A77/78) (B26C5F 747) (V116E26) (V885)	.000	16.300	55.000	.000	BREF	14.0520
[ATNG48]	AEDC VA474 (0A77/78) (B26C5F 747) (V116E26) (V885)	5.000	16.300	55.000	.000	XMRP	12.6250
[ATNG49]	AEDC VA474 (0A77/78) (B26C5F 747) (V116E26) (V885)	10.000	16.300	55.000	.000	YMRP	.0000
[ATNG50]	AEDC VA474 (0A77/78) (B26C5F 747) (V116E26) (V885)	15.000	16.300	55.000	.000	ZMRP	-.3750
						SCALE	.0150

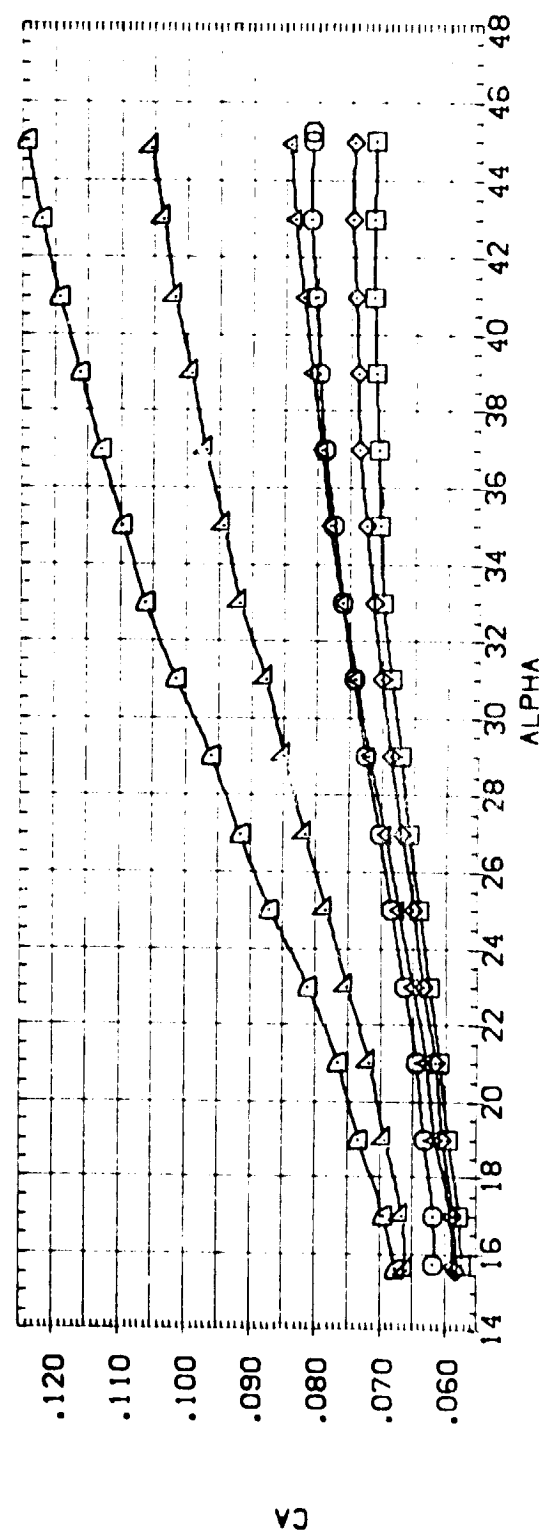
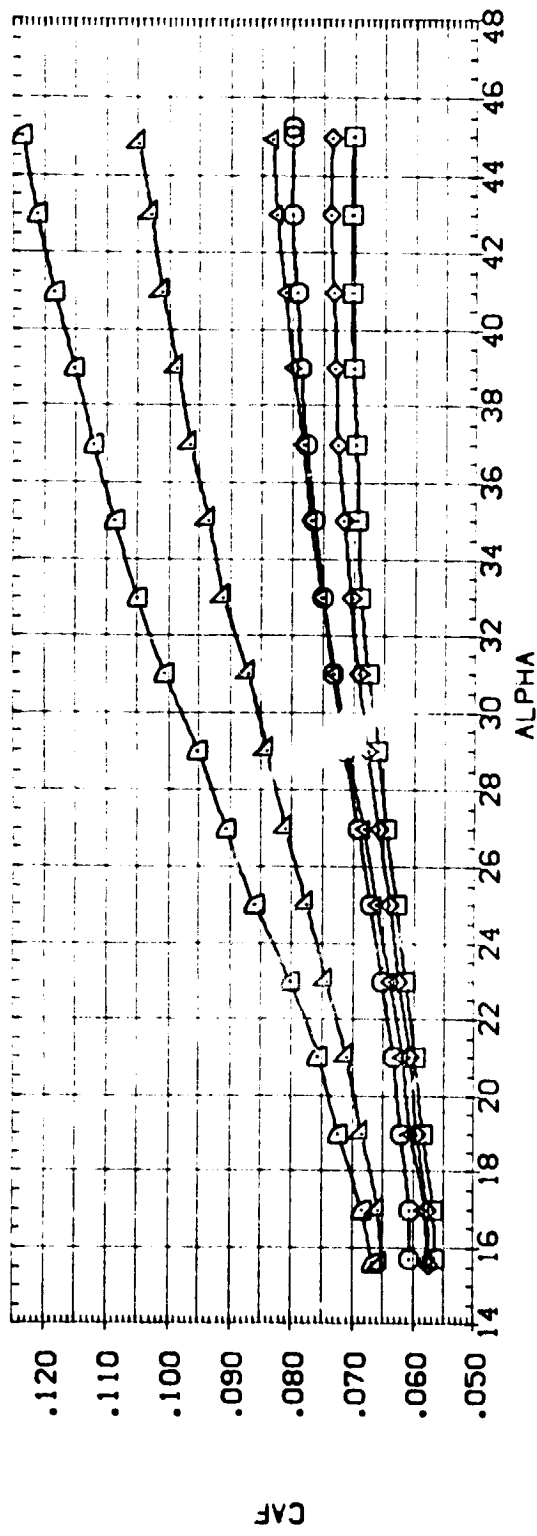


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C) MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO IN.
[ATN045]	AEDC VA474(OA77/78) (B26C9:7M7) (V116E26) (V895)	-10.000	16.300	55.000	.000	SREF	87.1560
[ATN046]	AEDC VA474(OA77/78) (B26C9:7M7) (V116E26) (V895)	-5.000	16.300	55.000	.000	LREF	7.1220
[ATN047]	AEDC VA474(OA77/78) (B26C9:7M7) (V116E26) (V895)	.000	16.300	55.000	.000	BREF	14.0520
[ATN056]	AEDC VA474(OA77/78) (B26C9:7M7) (V116E26) (V895)	5.000	16.300	55.000	.000	XMRP	12.6250
[ATN057]	AEDC VA474(OA77/78) (B26C9:7M7) (V116E26) (V895)	10.000	16.300	55.000	.000	YMRP	.0000
[ATN061]	AEDC VA474(OA77/78) (B26C9:7M7) (V116E26) (V895)	15.000	16.300	55.000	.000	ZMRP	-37.50
						SCALE	0.150

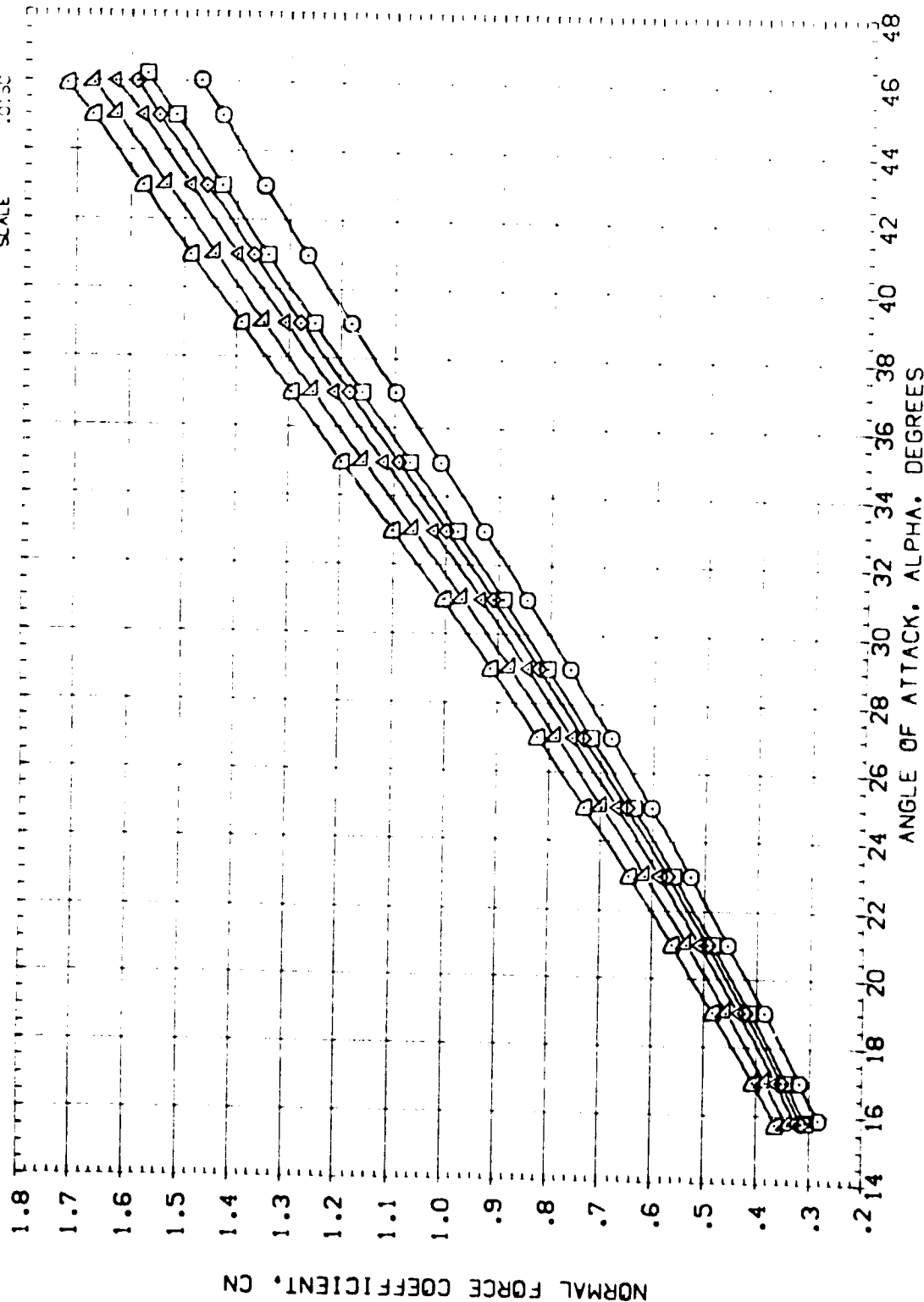


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO IN
[ATN045]	AEDC VA474(CA-77/78) (B26C9-7H7) (V1 6E26) (VBR5)	-40.000	16.300	55.000	.000	SREF 87.1560	INCHES
[ATN046]	AEDC VA474(CA-77/78) (B26C9-7H7) (V1 6E26) (VBR5)	-5.000	16.300	55.000	.000	LREF 7.1220	INCHES
[ATN047]	AEDC VA474(CA-77/78) (B26C9-7H7) (V1 6E26) (VBR5)	.000	16.300	55.000	.000	BREF 14.0520	INCHES
[ATN056]	AEDC VA474(CA-77/78) (B26C9-7H7) (V1 6E26) (VBR5)	5.000	16.300	55.000	.000	YMRP 12.6230	INCHES
[ATN057]	AEDC VA474(CA-77/78) (B26C9-7H7) (V1 6E26) (VBR5)	10.000	16.300	55.000	.000	ZMRP .0000	INCHES
[ATN061]	AEDC VA474(CA-77/78) (B26C9-7H7) (V1 6E26) (VBR5)	15.000	16.300	55.000	.000	SCALE .3750	INCHES

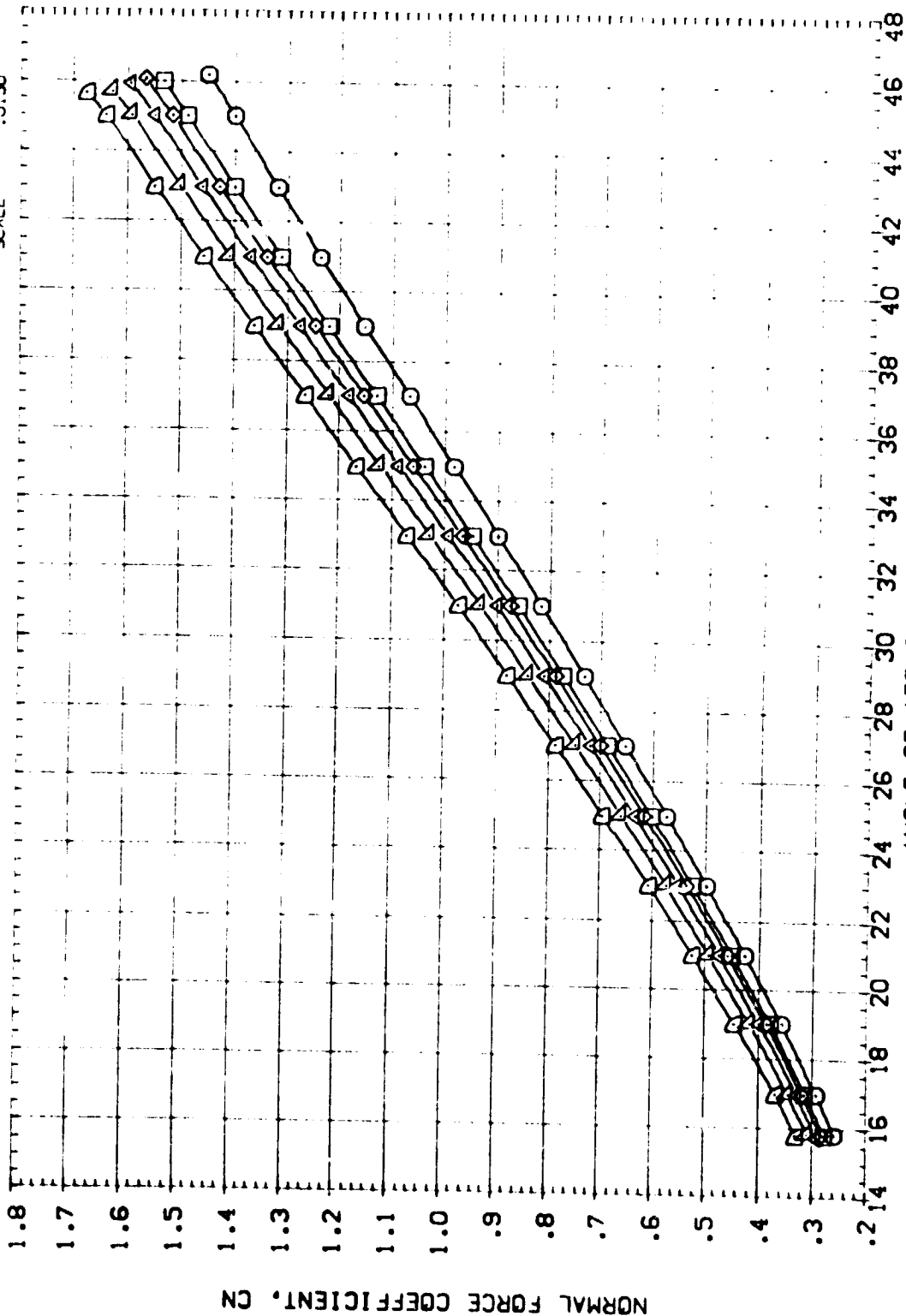


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE	INFORMATION
[ATN045]	AEDC VA474(DA77/78) (B76C9-7M7) (V116E 26) (V885)	-40.000	16.300	55.000	.000	SREF	87.1560 SQ. IN.
[ATN046]	AEDC VA474(DA77/78) (B76C9-7M7) (V116E 26) (V885)	-5.000	16.300	55.000	.000	LREF	17.1220 INCHES
[ATN047]	AEDC VA474(DA77/78) (B76C9-7M7) (V116E 26) (V885)	5.000	16.300	55.000	.000	BREF	14.0520 INCHES
[ATN056]	AEDC VA474(DA77/78) (B76C9-7M7) (V116E 26) (V885)	10.000	16.300	55.000	.000	YREF	6.2500 INCHES
[ATN057]	AEDC VA474(DA77/78) (B76C9-7M7) (V116E 26) (V885)	15.000	16.300	55.000	.000	ZREF	3.7500 INCHES
						SCALE	0.150

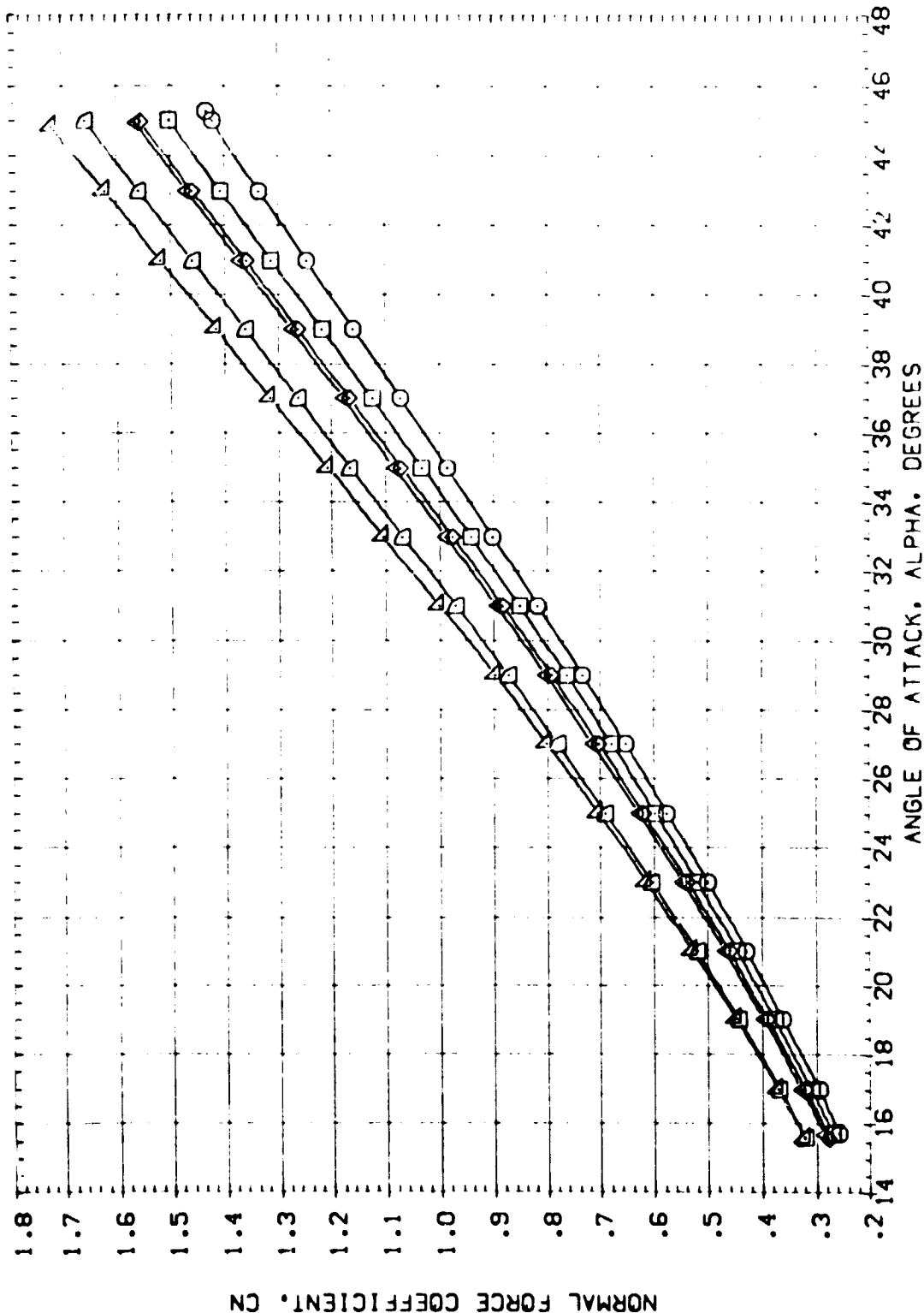


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.09

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO. IN.
(ATN045)	AEDC VA474(OA77/78) (B26C97H7) (V116E26) (V8R5)	-40.000	16.300	55.000	.000	SREF	87.1560
(ATN046)	AEDC VA474(OA77/78) (B26C97H7) (V116E26) (V8R5)	-5.000	16.300	55.000	.000	LREF	7.1220
(ATN047)	AEDC VA474(OA77/78) (B26C97H7) (V116E26) (V8R5)	5.000	16.300	55.000	.000	BREF	14.0520
(ATN056)	AEDC VA474(OA77/78) (B26C97H7) (V116E26) (V8R5)	10.000	16.300	55.000	.000	XMRP	12.6250
(ATN057)	AEDC VA474(OA77/78) (B26C97H7) (V116E26) (V8R5)	15.000	16.300	55.000	.000	YMRP	.0000
(ATN061)	AEDC VA474(OA77/78) (B26C97H7) (V116E26) (V8R5)				.000	ZMRP	-.3750
						SCALE	.0150

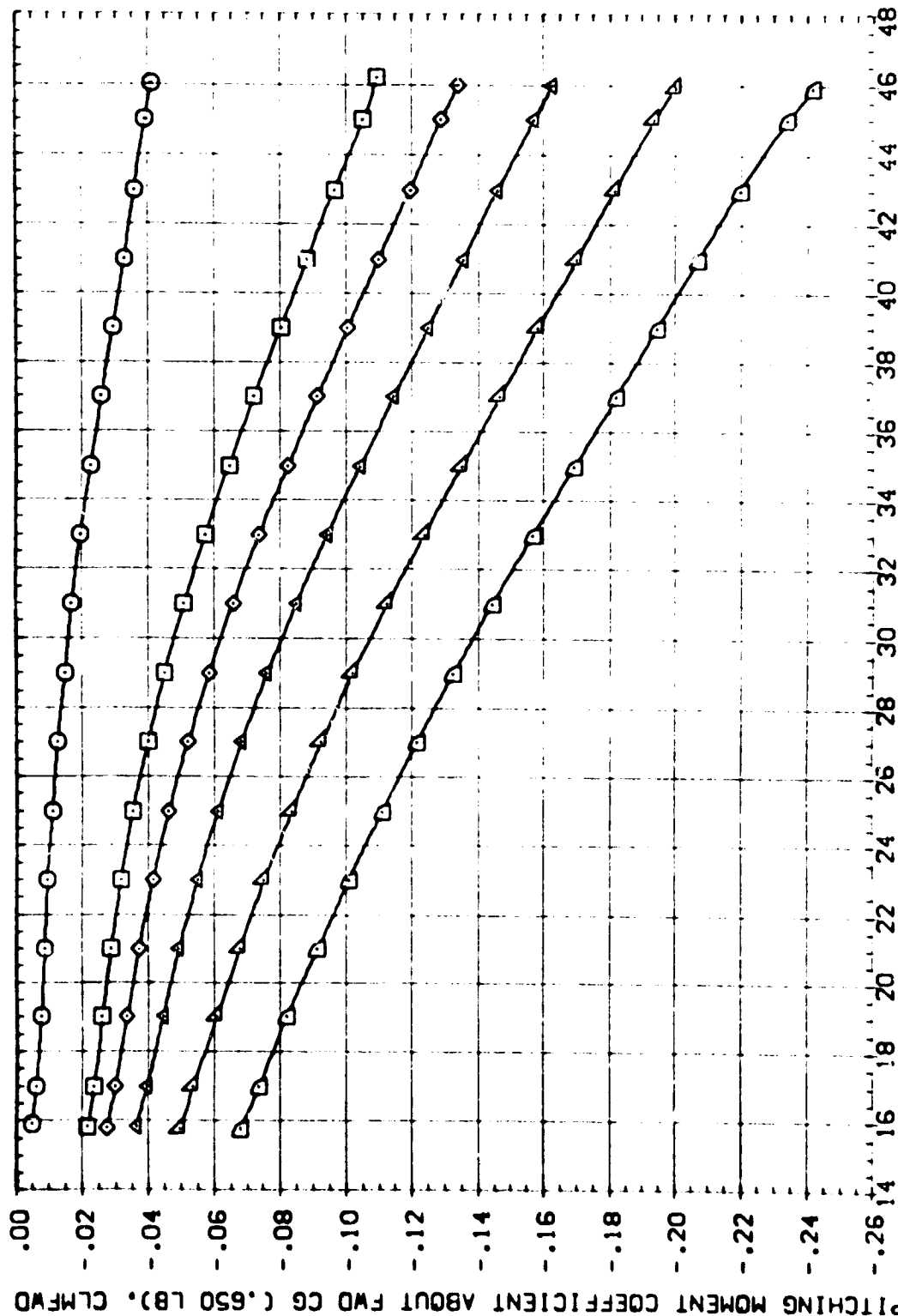


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO-IN
(ATN045)	AE DC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF 87.1560	INCHES
(ATN046)	AE DC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220	INCHES
(ATN047)	AE DC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	16.300	55.000	.000	BREF 14.0520	INCHES
(ATN056)	AE DC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.000	16.300	55.000	.000	XMRP 12.6250	INCHES
(ATN057)	AE DC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	0.000	16.300	55.000	.000	ZMRP .0000	INCHES
(ATN061)	AE DC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	SCALE -.3750	INCHES

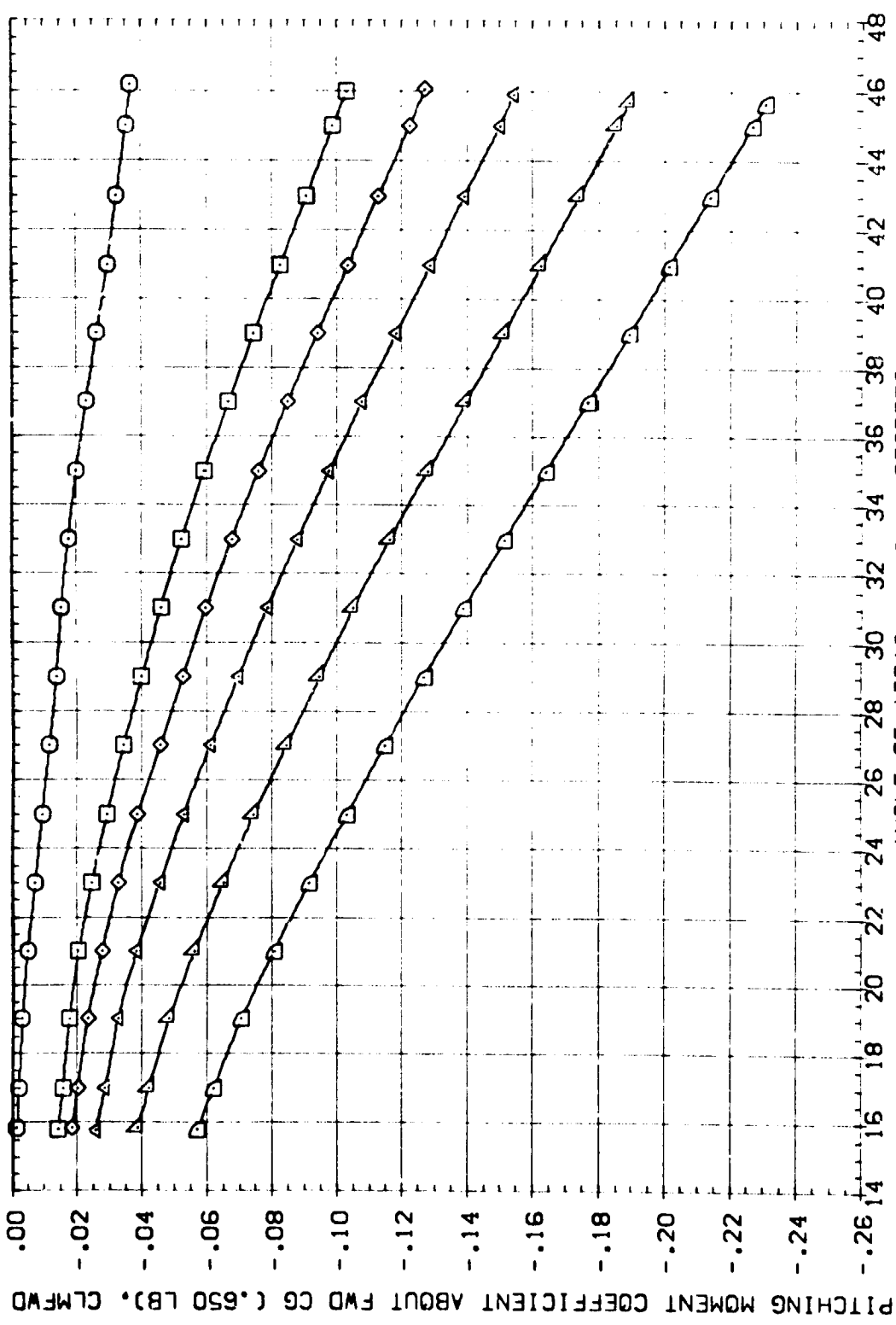


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN045)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBR5)	-10.000	16.300	55.000	.000	SREF 87.1560 INCHES
(ATN046)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN047)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBR5)	.000	16.300	55.000	.000	XMRP 14.0520 INCHES
(ATN056)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	16.300	55.000	.000	YMRP 12.6250 INCHES
(ATN057)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	16.300	55.000	.000	ZMRP 1.0000 INCHES
(ATN061)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBR5)	15.000	16.300	55.000	.000	SCALE 1.3750 INCHES

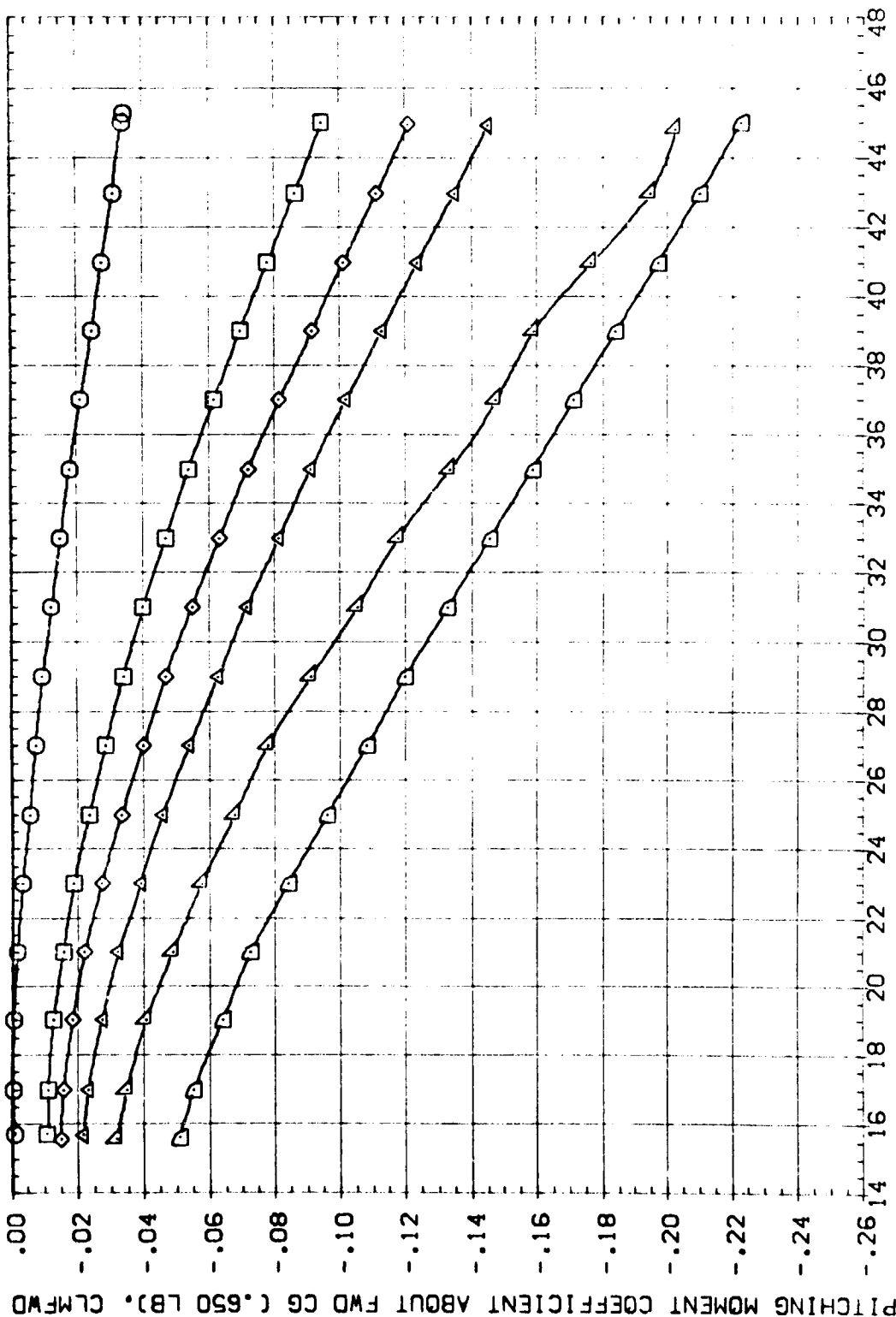


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE	INFORMATION
(ATN045)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	-40.000	16.300	55.000	.000	SREF	87.1560
(ATN046)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	-5.000	16.300	55.000	.000	LREF	7.1220
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	.000	16.300	55.000	.000	BREF	4.0520
(ATN056)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	5.000	16.300	55.000	.000	XMRP	2.6250
(ATN057)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	10.000	16.300	55.000	.000	YMRP	.0000
(ATN061)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	15.000	16.300	55.000	.000	ZMRP	-3.3750
						SCALE	.0150

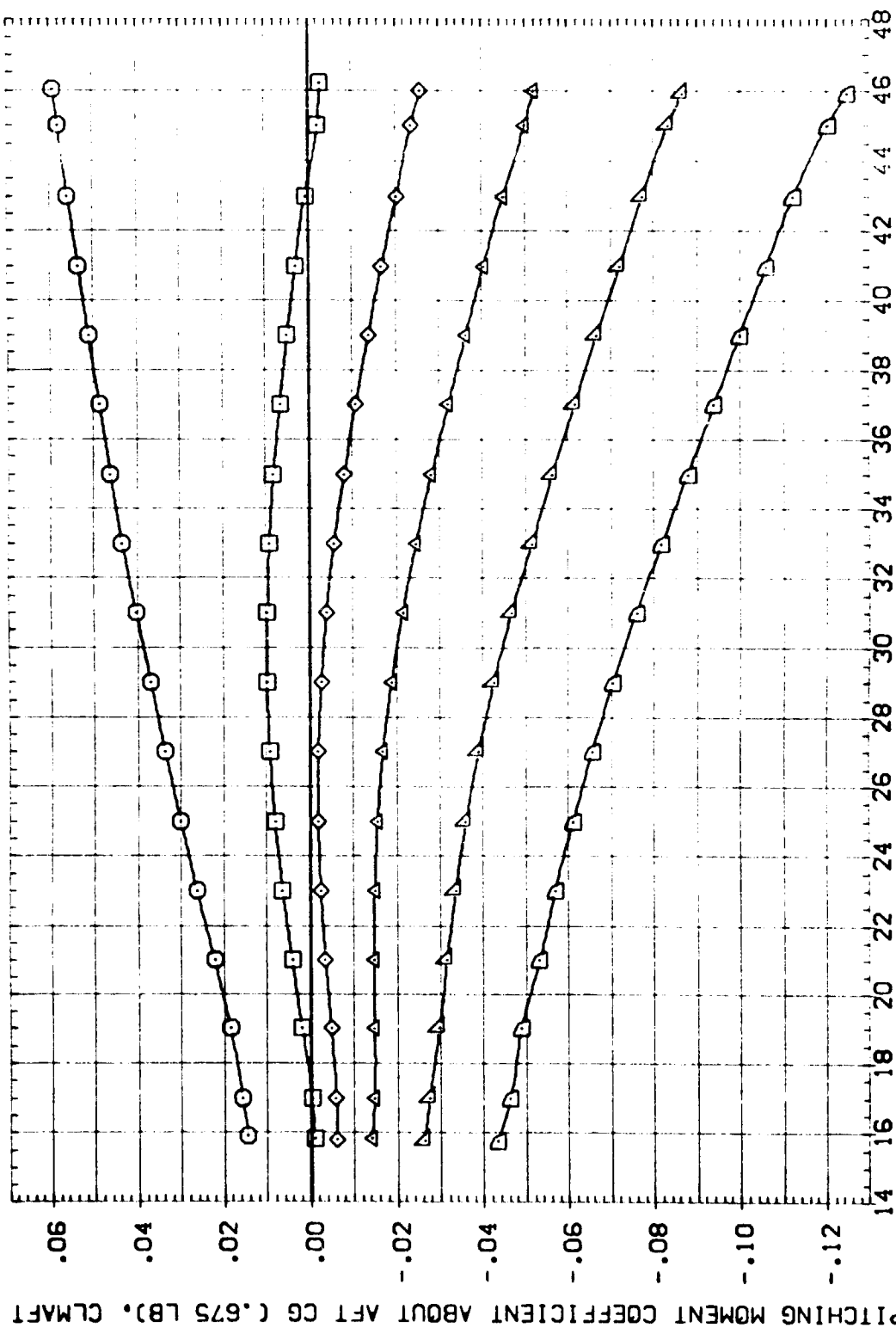


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN045)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-10.000	16.300	55.000	.000	SREF 87.156C SQ.IN.
(ATN046)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-5.000	16.300	55.000	.000	LREF 7.122C INCHES
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	.000	16.300	55.000	.000	BREF 14.052C INCHES
(ATN056)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	5.000	16.300	55.000	.000	XMRP 12.625C INCHES
(ATN057)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	10.000	16.300	55.000	.000	YMRP .000C INCHES
(ATN061)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	15.000	16.300	55.000	.000	ZMRP -.375C INCHES
						SCALE .015C

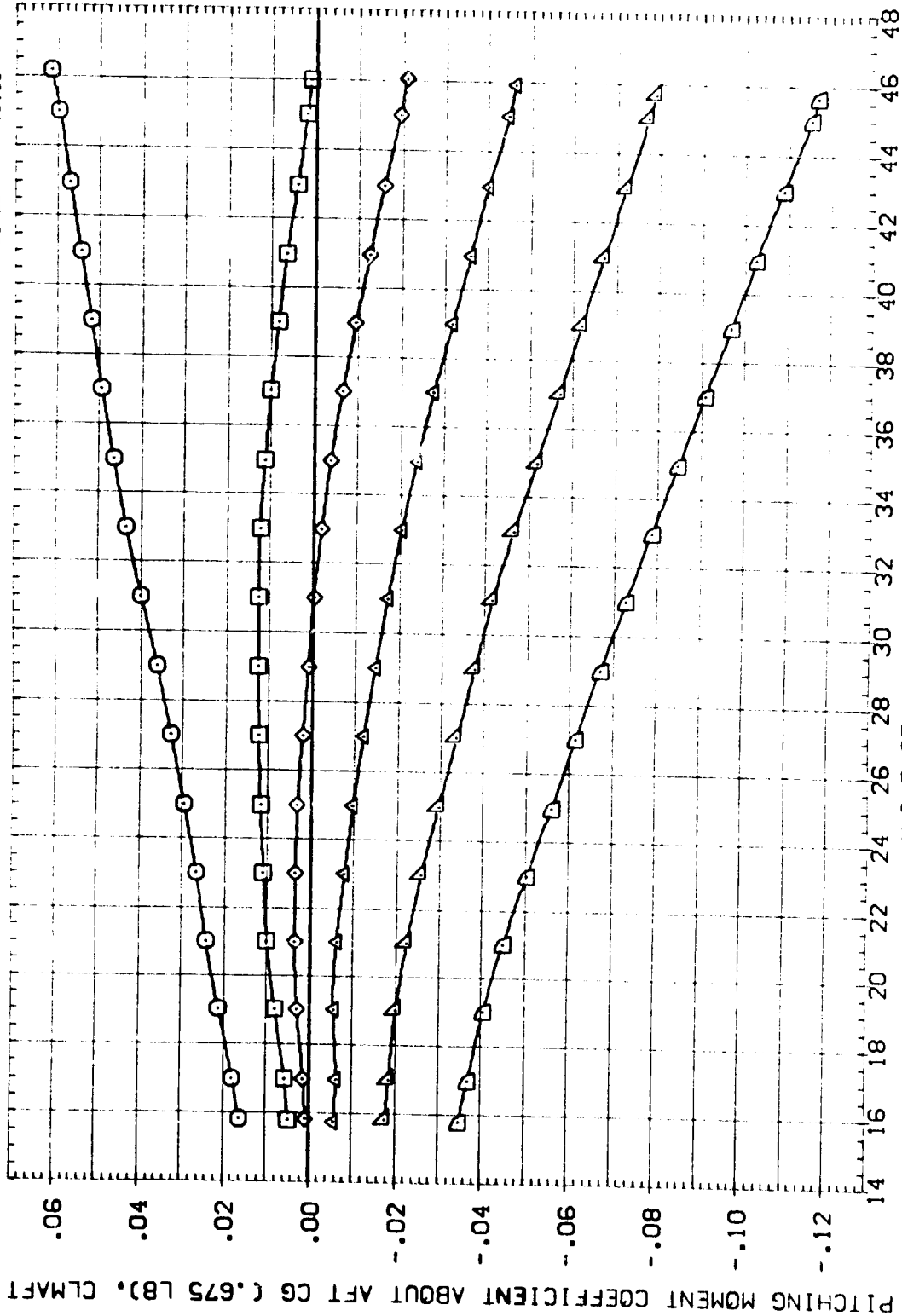


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	ALJC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF 87.1360 SC.IN.
[ATN046]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	16.300	55.000	.000	BREF 14.0320 INCHES
[ATN056]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.000	16.300	55.000	.000	YMRP 12.5250 INCHES
[ATN057]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	10.000	16.300	55.000	.000	ZMRP .3500 INCHES
[ATN061]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	SCALE .3750 INCHES

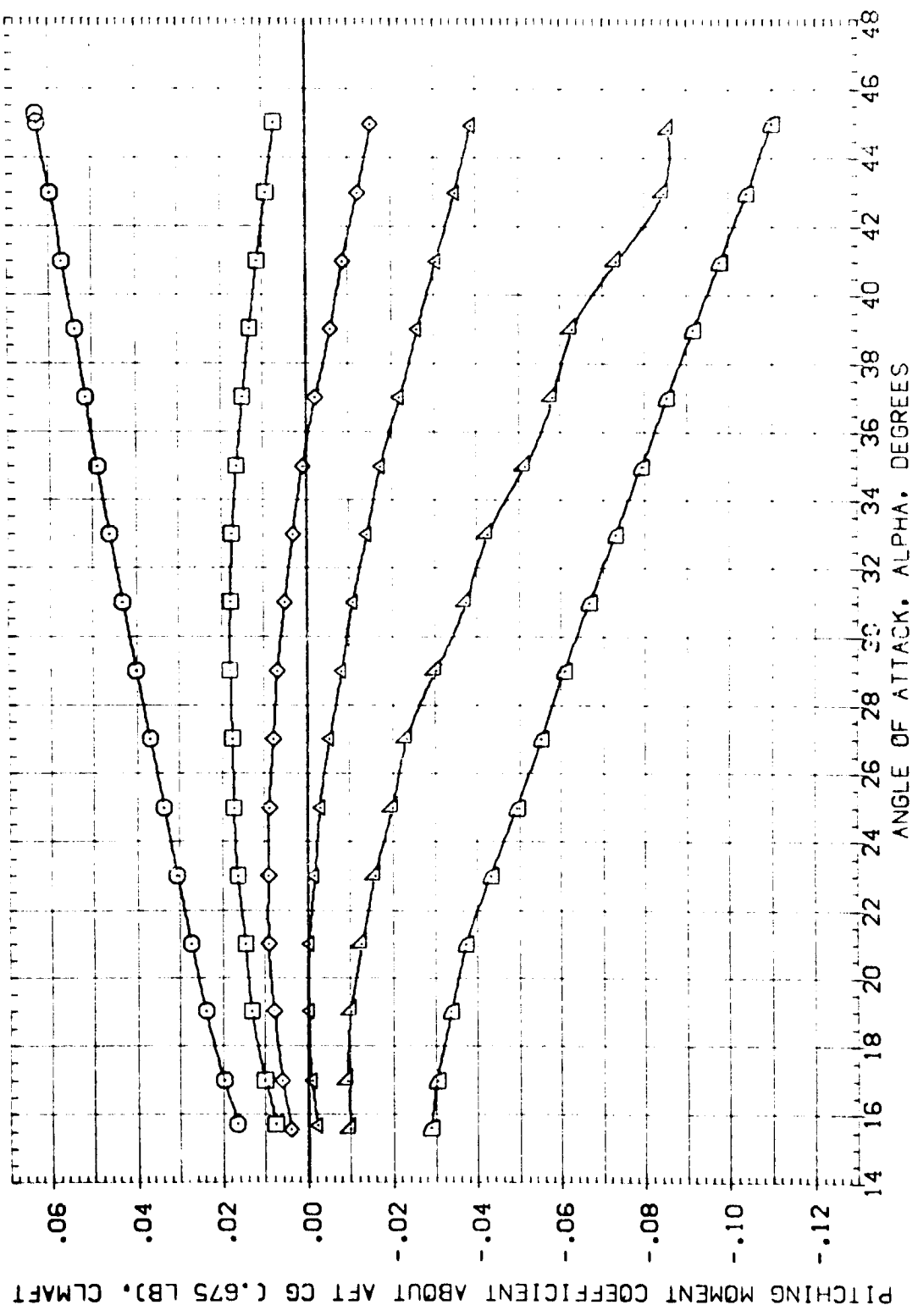


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(COMACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474(OA77/78) (B26C9F747) (W) (BE26) (VBRS)	-10.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
[ATN046]	AEDC VA474(OA77/78) (B26C9F747) (W) (BE26) (VBRS)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474(OA77/78) (B26C9F747) (W) (BE26) (VBRS)	5.000	16.300	55.000	.000	BREF 14.0520 INCHES
[ATN056]	AEDC VA474(OA77/78) (B26C9F747) (W) (BE26) (VBRS)	10.000	16.300	55.000	.000	XREF 12.6250 INCHES
[ATN057]	AEDC VA474(OA77/78) (B26C9F747) (W) (BE26) (VBRS)	15.000	16.300	55.000	.000	YREF .0000 INCHES
[ATN061]	AEDC VA474(OA77/78) (B26C9F747) (W) (BE26) (VBRS)	15.000	16.300	55.000	.000	ZREF -.3750 INCHES
						SCALE .0150

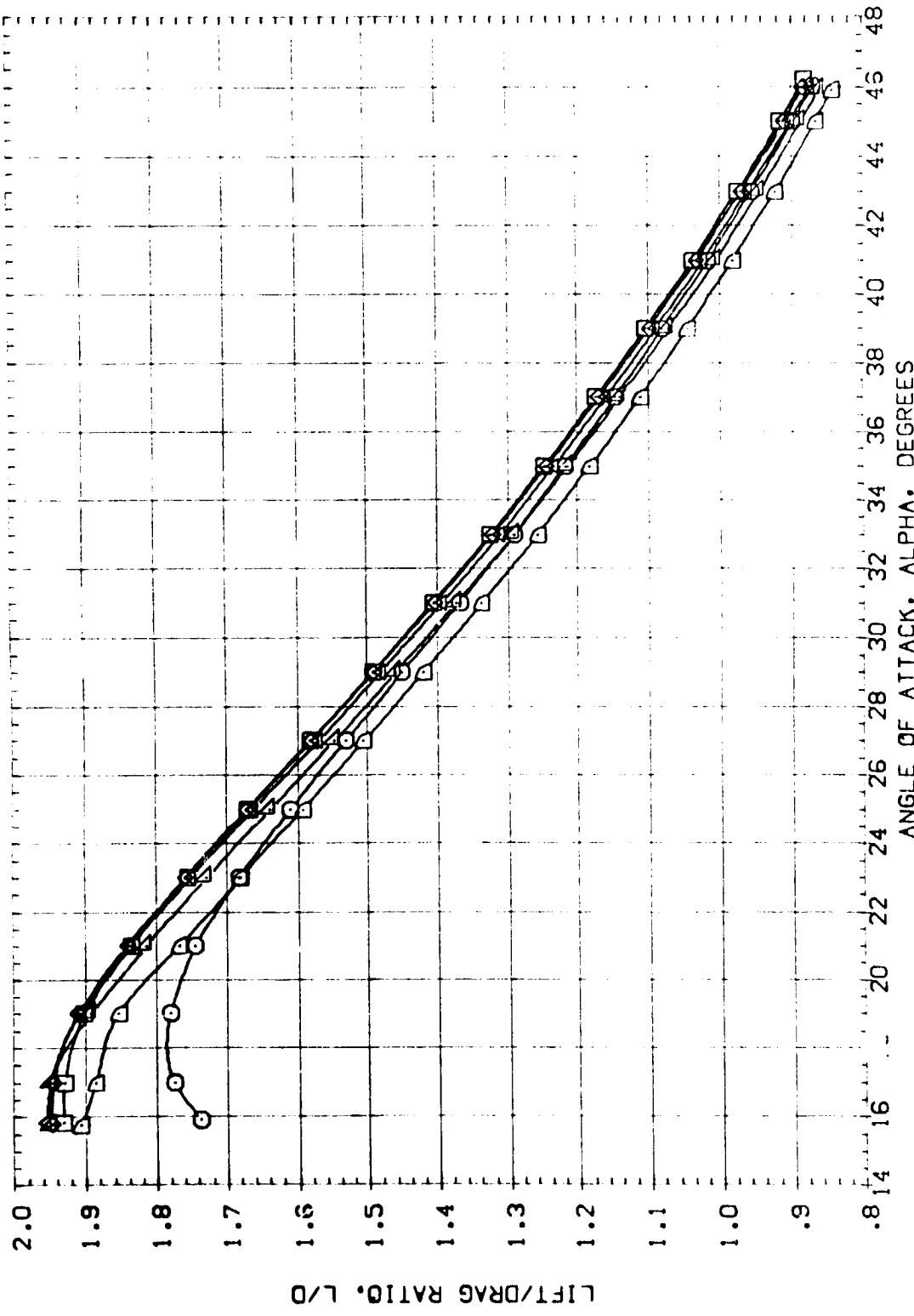


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BD FLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF 87.1560 CO. IN.
[ATN046]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	5.000	16.300	55.000	.000	BREF 14.0520 INCHES
[ATN056]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	10.000	16.300	55.000	.000	XMRP 12.6250 INCHES
[ATN057]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	YMRP .0000 INCHES
[ATN061]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)				.000	ZMRP -.3750 INCHES
						SCALE .0150

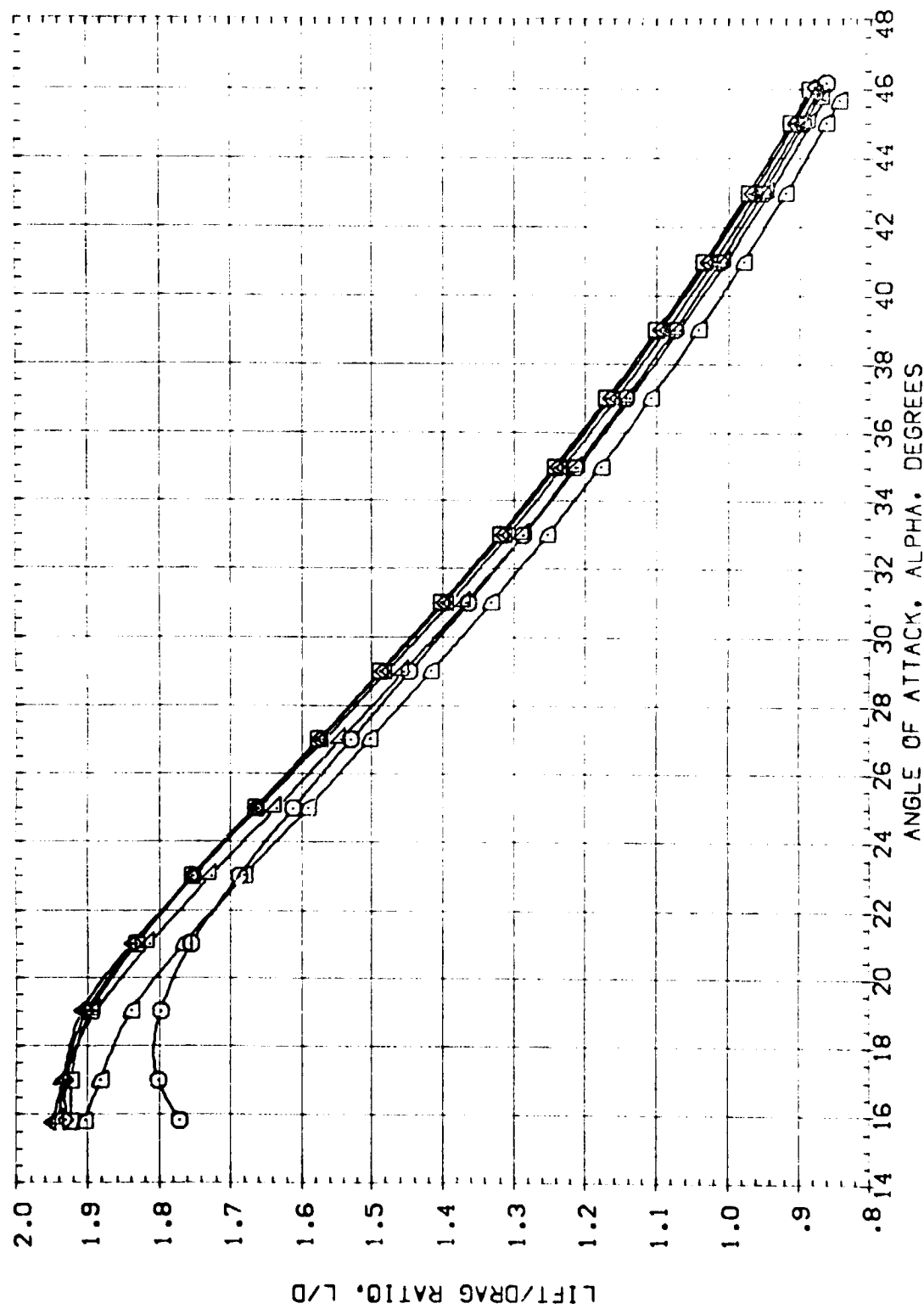
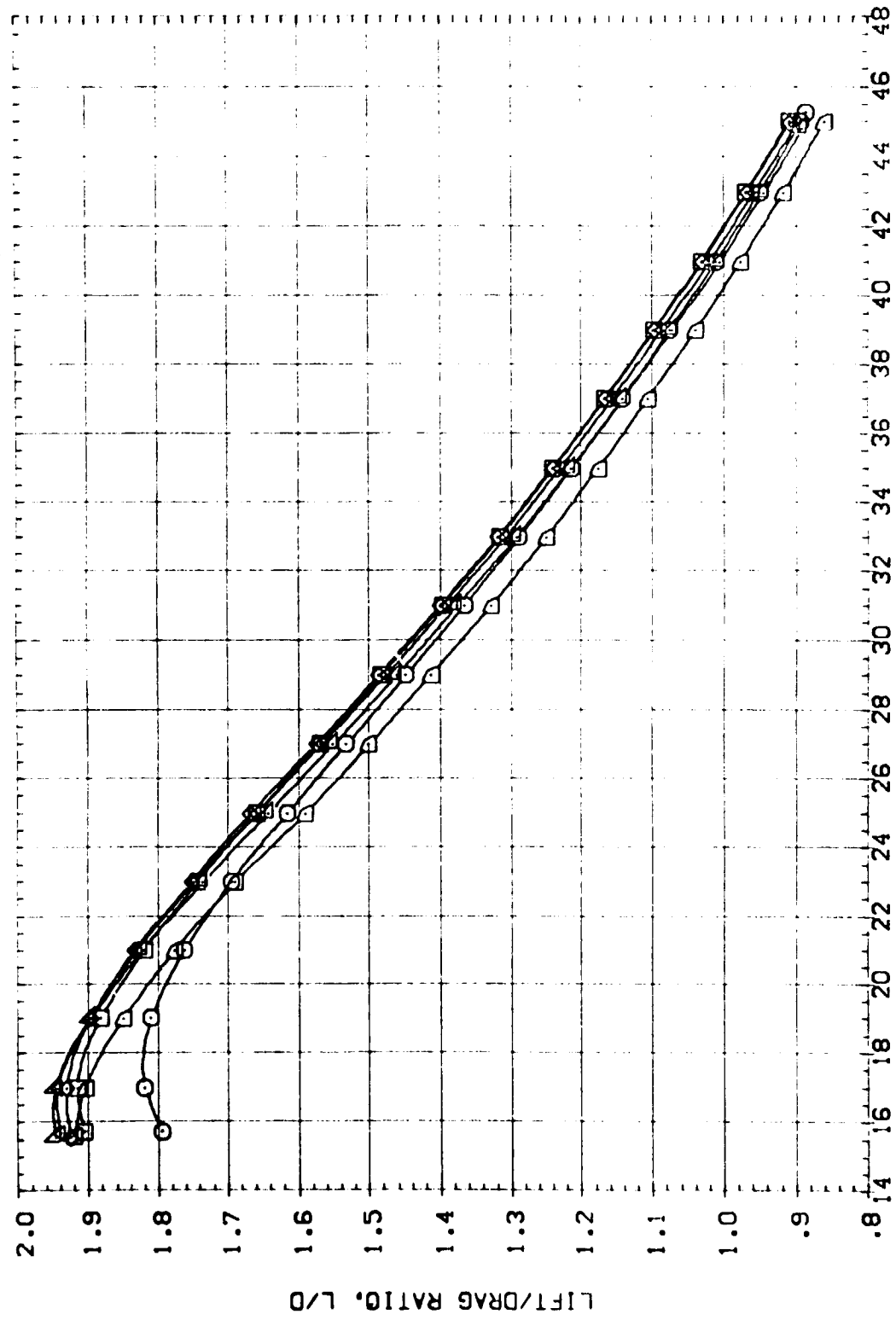


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474(CA77/78) (B26C9-7M7) (W116E26)(VBRS)	-40.000	16.300	55.000	.000	SREF 87.1560
[ATN046]	AEDC VA474(CA77/78) (B26C9-7M7) (W116E26)(VBRS)	-5.000	16.300	55.000	.000	LREF 7.1220
[ATN047]	AEDC VA474(CA77/78) (B26C9-7M7) (W116E26)(VBRS)	.000	16.300	55.000	.000	BREF 4.0520
[ATN056]	AEDC VA474(CA77/78) (B26C9-7M7) (W116E26)(VBRS)	5.000	16.300	55.000	.000	YMRP 2.6250
[ATN057]	AEDC VA474(CA77/78) (B26C9-7M7) (W116E26)(VBRS)	10.000	16.300	55.000	.000	ZMRP .0000
[ATN061]	AEDC VA474(CA77/78) (B26C9-7M7) (W116E26)(VBRS)	15.000	16.300	55.000	.000	ZMRP .3750
						SCALE .0150



ANGLE OF ATTACK, ALPHA, DEGREES

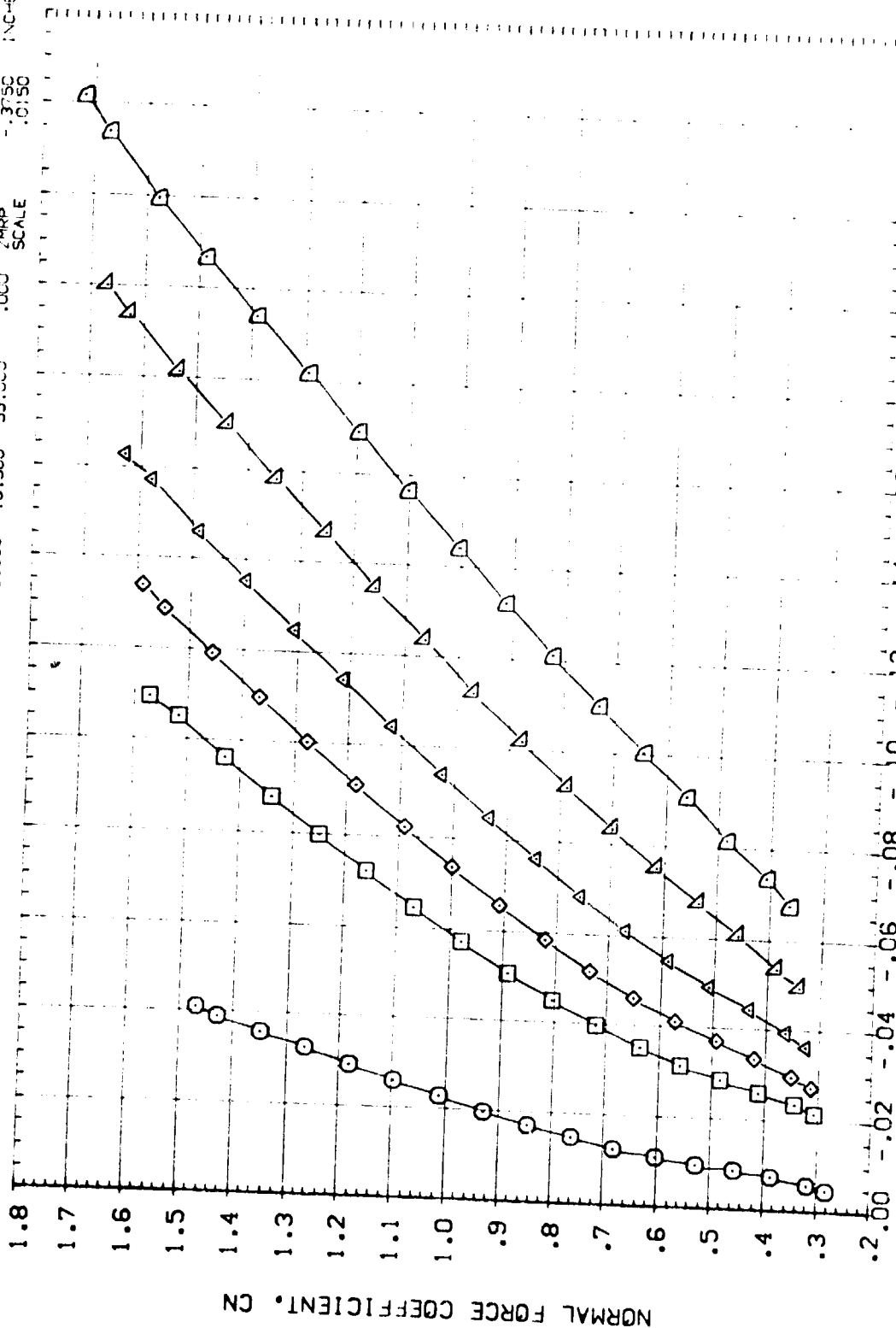
FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.09

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
[ATN046]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)	.000	16.300	55.000	.000	BREF 14.3520 INCHES
[ATN055]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)	5.000	16.300	55.000	.000	XMRP 12.3000 INCHES
[ATN057]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)	10.000	16.300	55.000	.000	YMRP 12.3000 INCHES
[ATN061]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)	15.000	16.300	55.000	.000	ZMRP 12.3000 INCHES

SCALE .0150



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN045)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF 87.1560 SO.IN.
(ATN046)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN047)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN056)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	5.000	16.300	55.000	.000	XMRP 12.6250 INCHES
(ATN057)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	10.000	16.300	55.000	.000	GMCP 0.000 INCHES
(ATN061)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	15.000	16.300	55.000	.000	ZMRP -3750 INCHES
						SCALE .0150

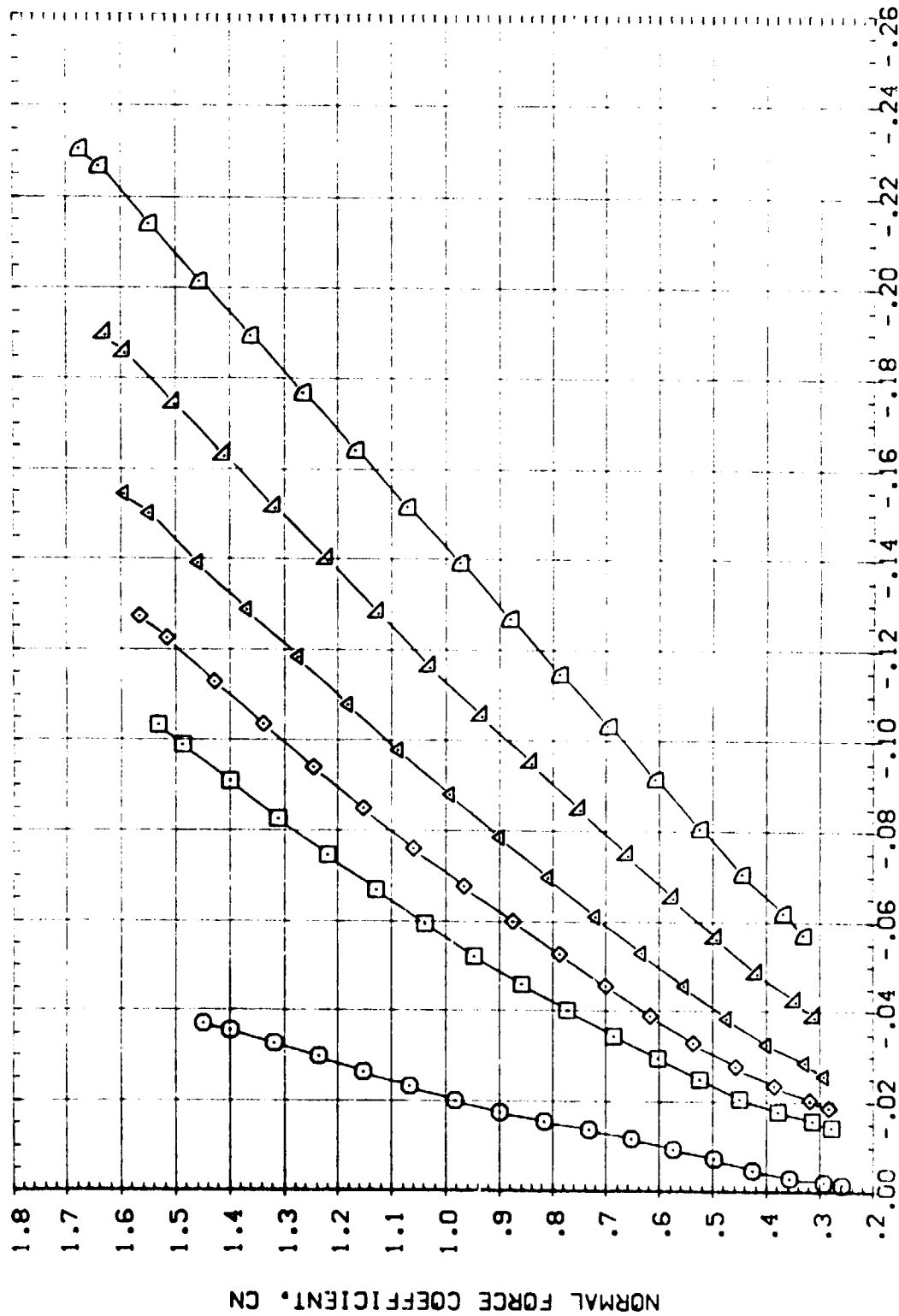
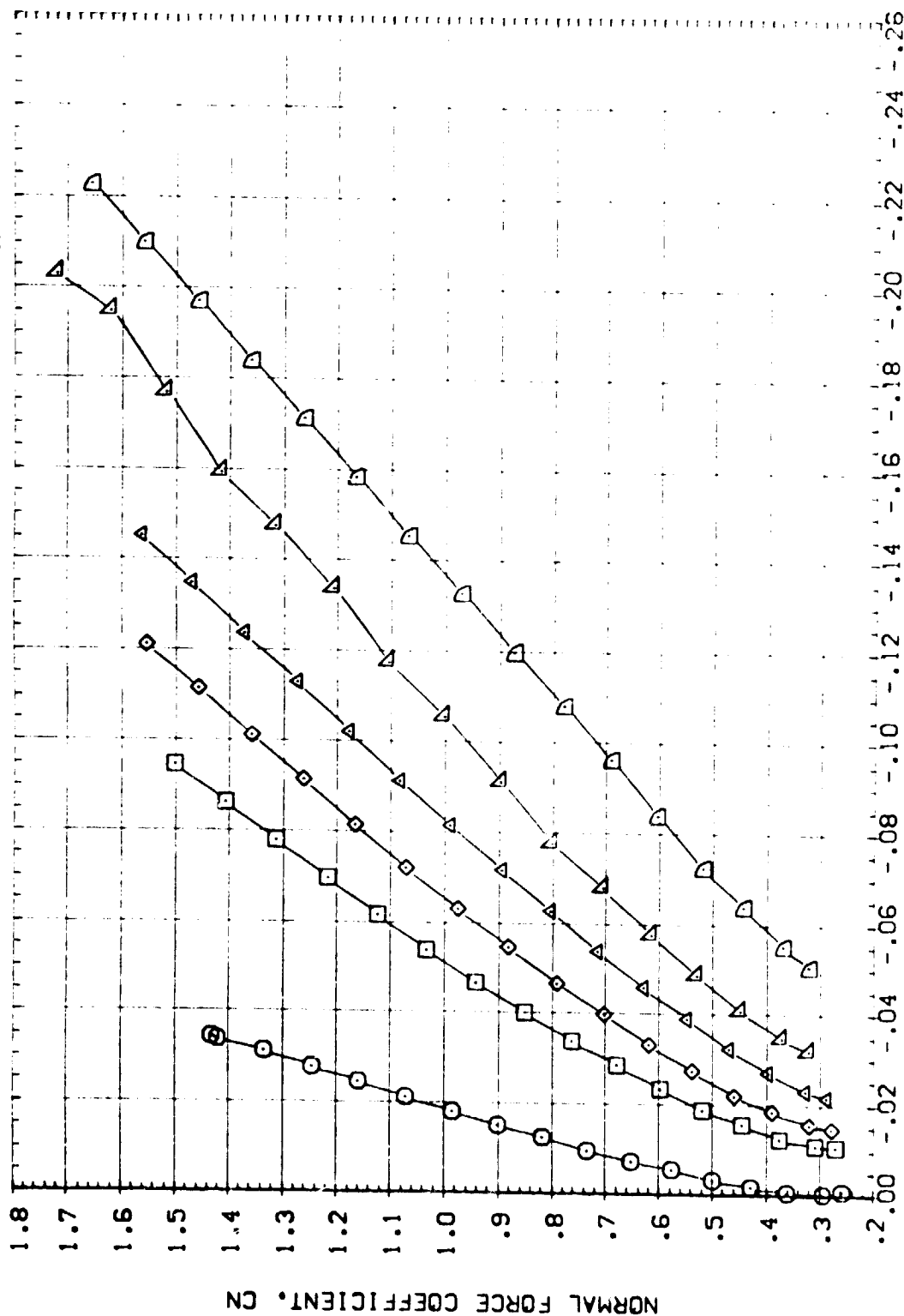


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474 (0A77/78) (B26C9-747) (V) (SE26) (V885)	-40.000	16.300	55.000	.000	SREF 87.1580 SCALAS
[ATN046]	AEDC VA474 (0A77/78) (B26C9-747) (V) (SE26) (V885)	-5.000	16.300	55.000	.000	LREF 7.1220 NCLES
[ATN047]	AEDC VA474 (0A77/78) (B26C9-747) (V) (SE26) (V885)	5.000	16.300	55.000	.000	SREF 14.0520 NCLES
[ATN056]	AEDC VA474 (0A77/78) (B26C9-747) (V) (SE26) (V885)	10.000	16.300	55.000	.000	XMRP .0000 NCLES
[ATN057]	AEDC VA474 (0A77/78) (B26C9-747) (V) (SE26) (V885)	15.000	16.300	55.000	.000	ZMRP -.3750 NCLES
[ATN061]	AEDC VA474 (0A77/78) (B26C9-747) (V) (SE26) (V885)					SCALE .0150



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFWO

FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPCRK	RUDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E261(VB95)	-40.000	6.300	55.000	.000	SREF 87.156C 50.1N
[ATN046]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E261(VB95)	-5.000	6.300	55.000	.000	LREF 7.122C
[ATN047]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E261(VB95)	.000	6.300	55.000	.000	BREF 14.052C
[ATN056]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E261(VB95)	5.000	6.300	55.000	.000	XMRP 12.625C
[ATN057]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E261(VB95)	10.000	6.300	55.000	.000	YMRP .000C
[A*061]	AEDC VA474(CA77/78) (B26C9F7M7) (V116E261(VB95)	15.000	6.300	55.000	.000	ZMRP -.375C
						SCALE .015C

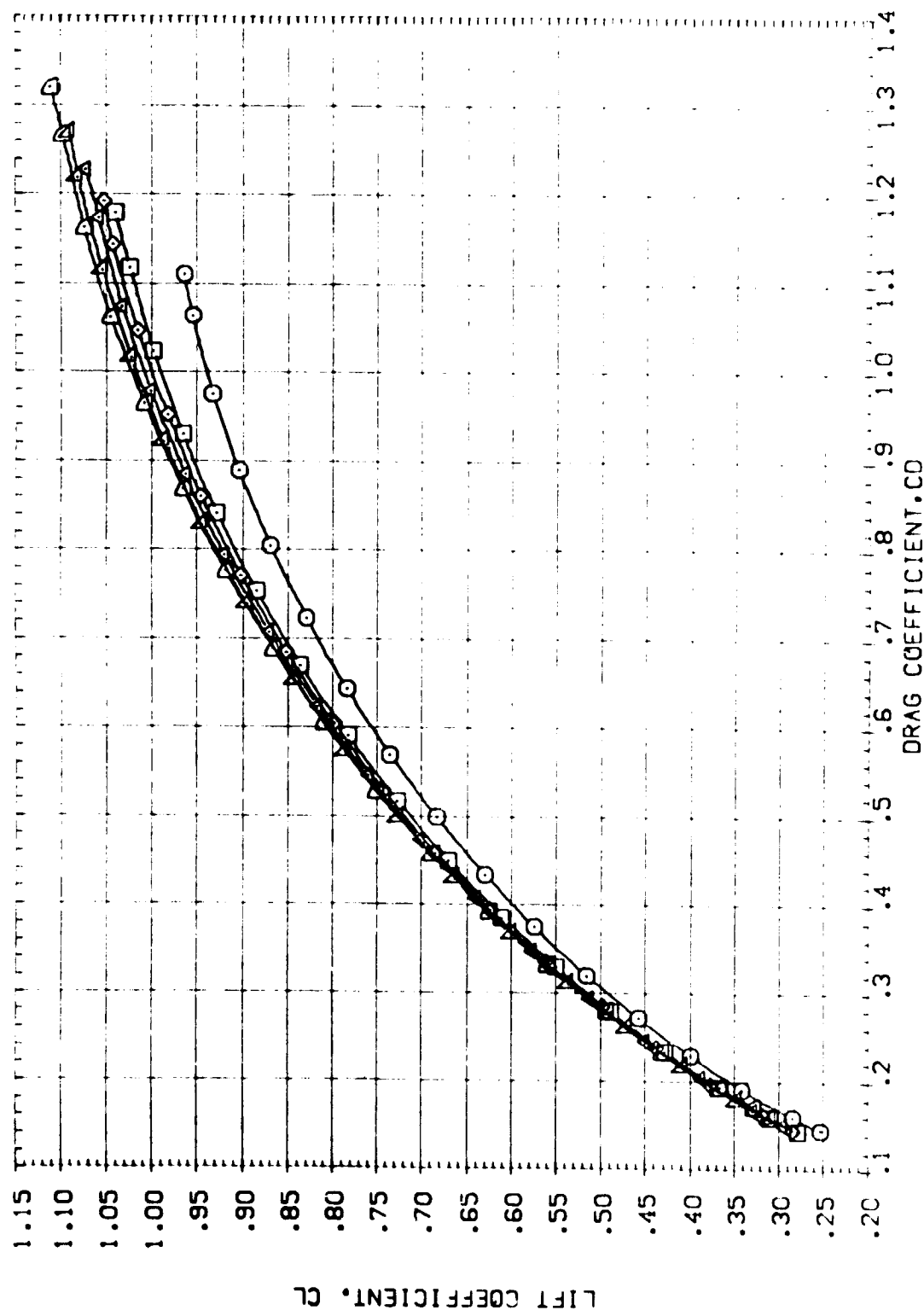


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPUBRK	RUDDER	REFERENCE INFORMATION
(ATN045)	AEDC VA474(QA77/78) (B26C9F7H7) (V1) (B26) (VBRS)	-10.000	16.300	55.000	.000	SREF 87.1560 SC.IN.
(ATN046)	AEDC VA474(QA77/78) (B26C9F7H7) (V1) (B26) (VBRS)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN047)	AEDC VA474(QA77/78) (B26C9F7H7) (V1) (B26) (VBRS)	.000	16.300	55.000	.000	XREF 14.0520 INCHES
(ATN056)	AEDC VA474(QA77/78) (B26C9F7H7) (V1) (B26) (VBRS)	5.000	16.300	55.000	.000	YREF 12.6250 INCHES
(ATN057)	AEDC VA474(QA77/78) (B26C9F7H7) (V1) (B26) (VBRS)	10.000	16.300	55.000	.000	ZREF 0.0000 INCHES
(ATN058)	AEDC VA474(QA77/78) (B26C9F7H7) (V1) (B26) (VBRS)	15.000	16.300	55.000	.000	SCALE 10.150

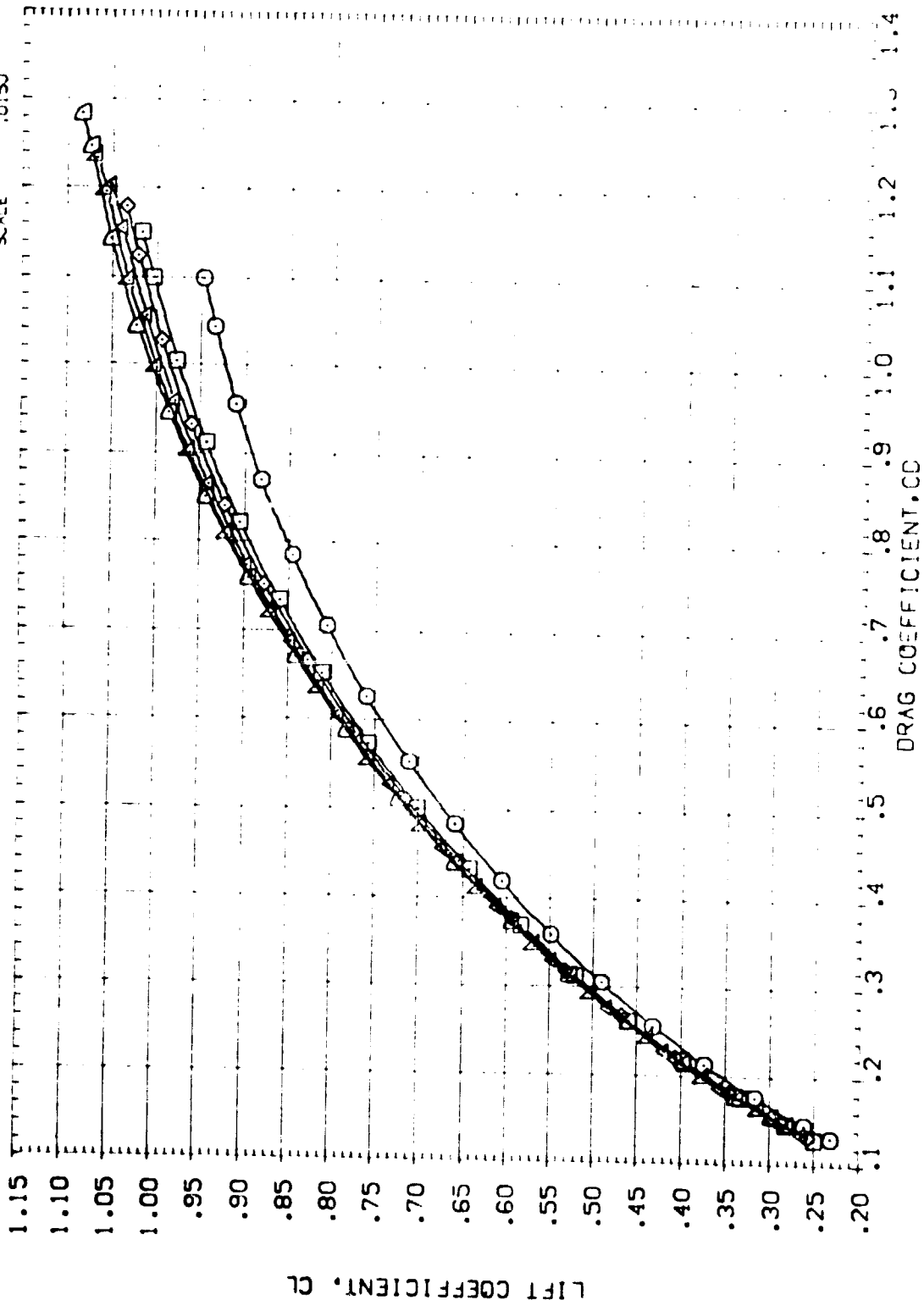


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(3)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE	INFORMATION
[ATN045]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	-40.000	16.300	55.000	.000	SREF	6' 11.50
[ATN046]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	-5.000	16.300	55.000	.000	LREF	11.220
[ATN047]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	16.300	55.000	.000	SREF	11.0520
[ATN056]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	5.000	16.300	55.000	.000	XMRP	11.0520
[ATN057]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	10.000	16.300	55.000	.000	YMRP	11.0520
[ATN061]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	15.000	16.300	55.000	.000	ZMRP	11.0520
						SCALE	0.150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

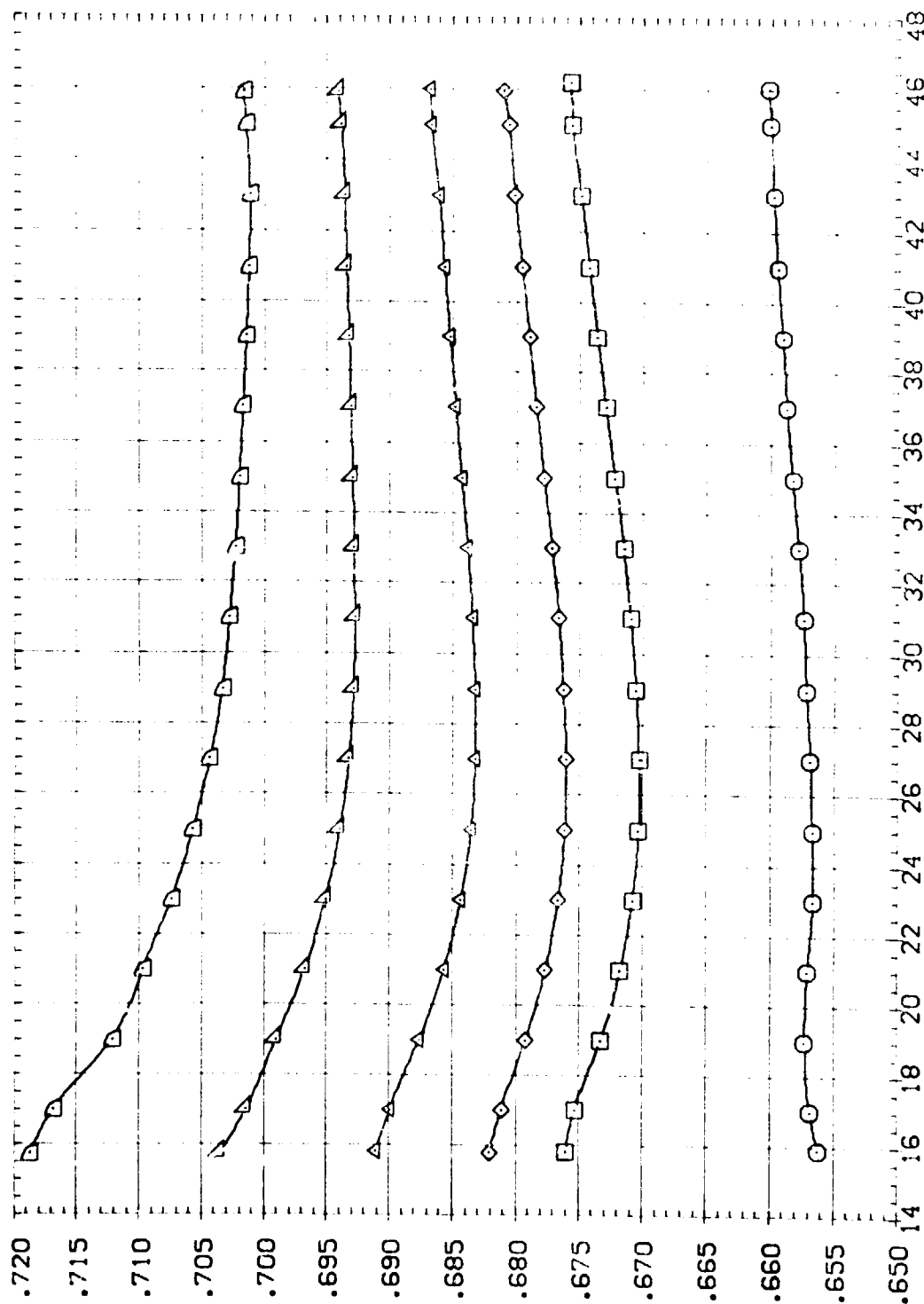


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.
ANGLE OF ATTACK, ALPHA, DEGREES

(MACH = 5.95

DATA SET SYMBOL CONFIGURATION DESCRIPTION ELEVTR BOFLAP SPOBRK R-DOOR REFERENCE INFORMATION SQ. IN.

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	R-DOOR	REFERENCE INFORMATION	SQ. IN.
(ATN045)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	16.300	55.000	.000	SREF	87.1560
(ATN046)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-5.000	16.300	55.000	.000	LREF	7.1220
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	16.300	55.000	.000	BREF	14.0520
(ATN056)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.000	16.300	55.000	.000	XMRP	2.6250
(ATN057)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	10.000	16.300	55.000	.000	YMRP	.0000
(ATN061)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	ZMRP	-.3750
						SCALE	0.150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

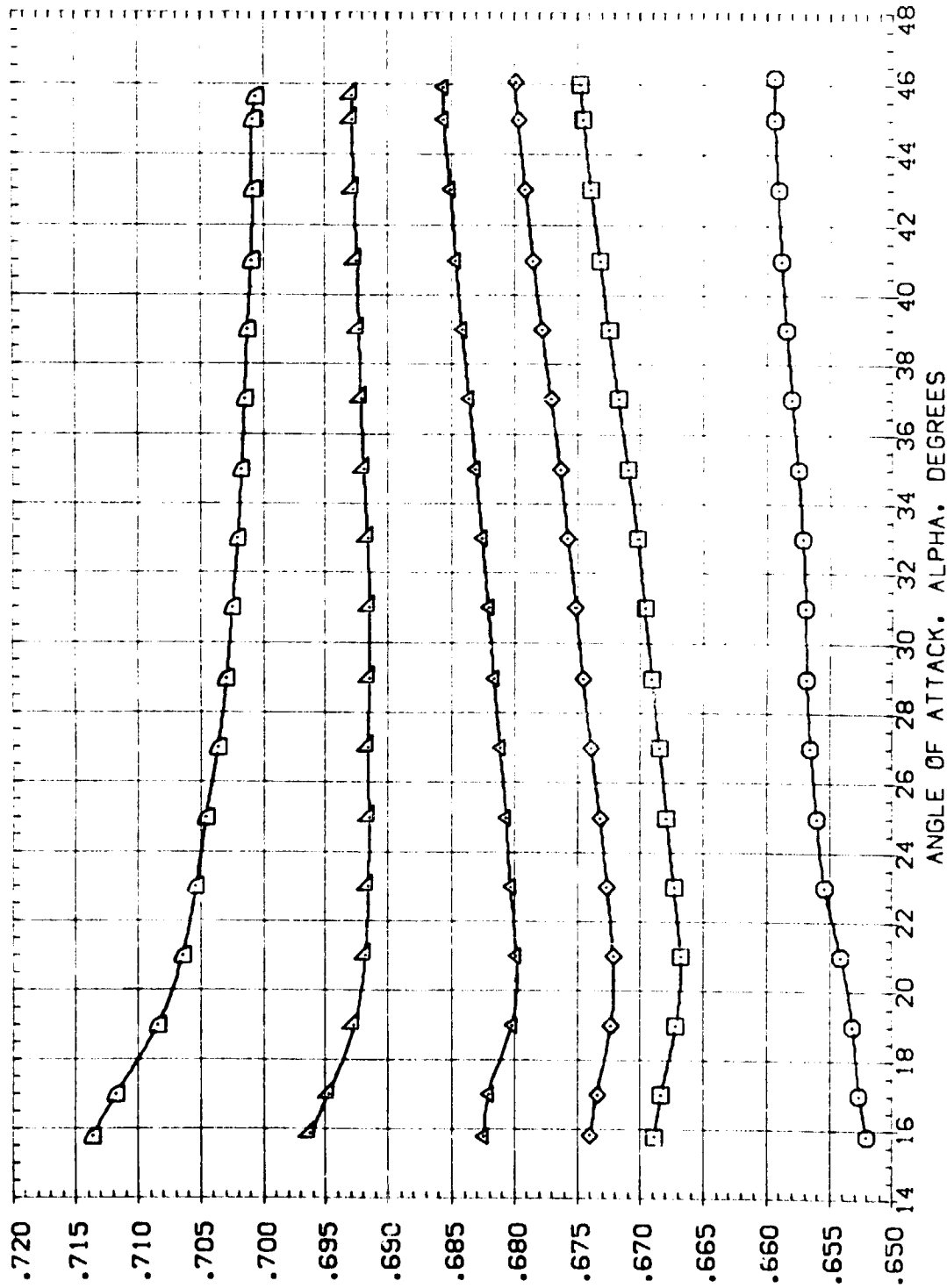


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN045]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (VBR5)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
[ATN046]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (VBR5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (VBR5)	.000	16.300	55.000	.000	BREF 12.0520 INCHES
[ATN056]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (VBR5)	5.000	16.300	55.000	.000	XMRP 12.6260 INCHES
[ATN057]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (VBR5)	10.000	16.300	55.000	.000	YMRP 12.0000 INCHES
[ATN061]	AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (VBR5)	15.000	16.300	55.000	.000	ZMRP 13.7500 INCHES
						SCALE 0.150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

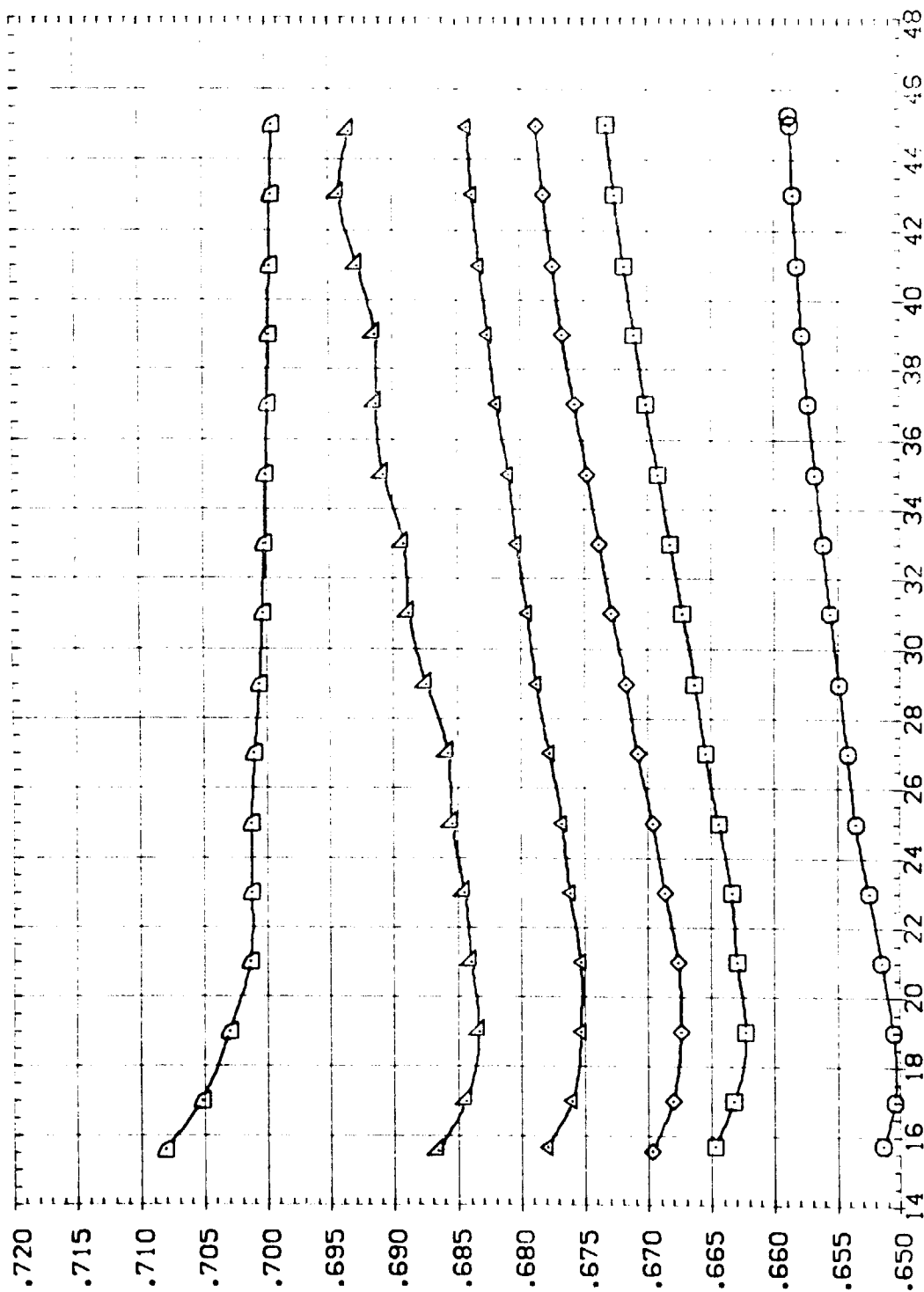


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDBRY	RJODDER	REFERENCE INFORMATION
(FTN045)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-40.000	16.300	55.000	.000	SREF 87.1563 50.1 IN.
(FTN046)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-5.000	16.300	55.000	.000	LREF 7.1223 INCHES
(FTN047)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	.000	16.300	55.000	.000	BREF 14.0523 INCHES
(FTN056)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	5.000	16.300	55.000	.000	XREF 12.6253 INCHES
(FTN057)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	10.000	16.300	55.000	.000	YMRP .0000 INCHES
(FTN061)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	15.000	16.300	55.000	.000	ZMRP -.3753 INCHES
						SCALE .0150

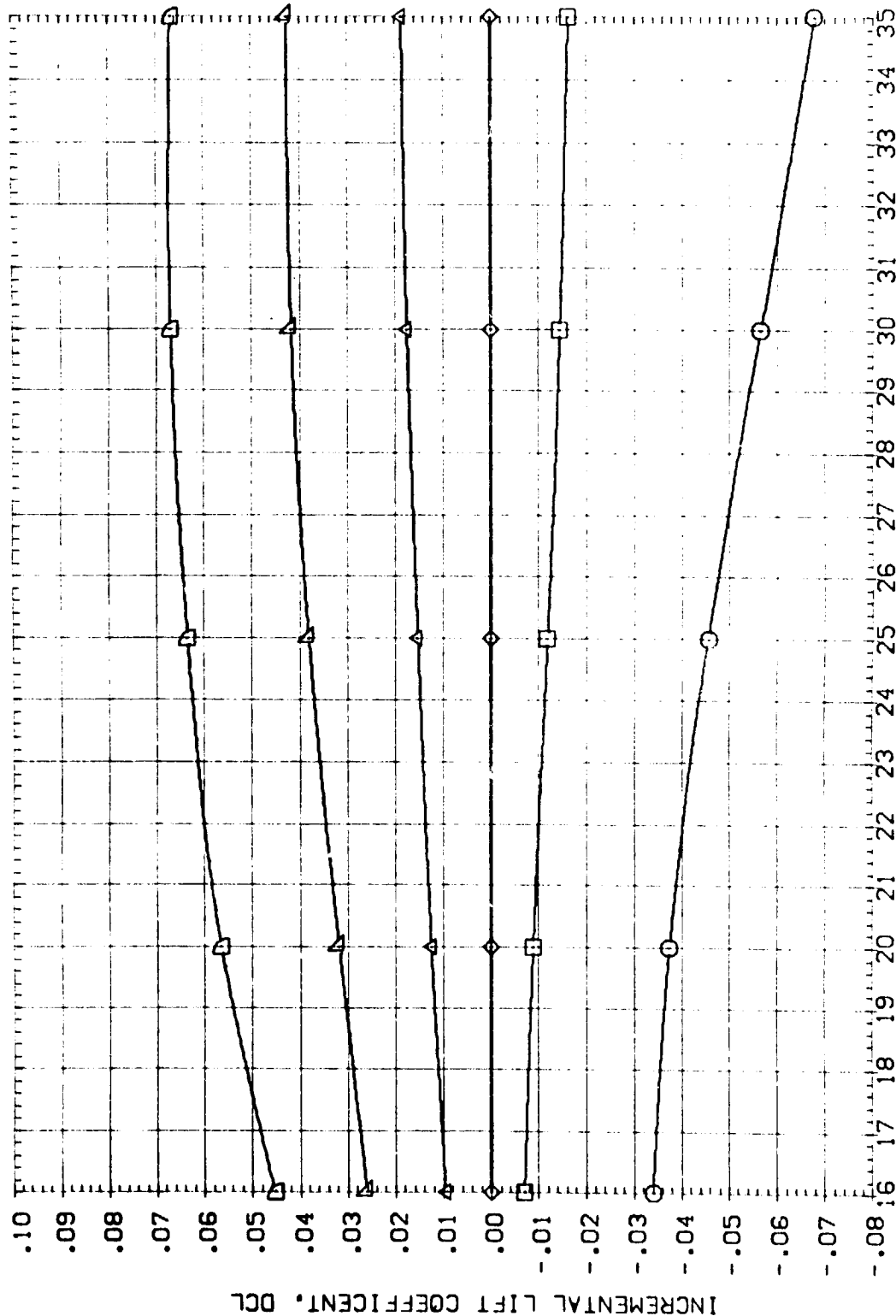


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION DLELEV SPODRK RUDDER REFERENCE INFORMATION SQ. IN.

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	SPODRK	RUDDER	REFERENCE INFORMATION	SQ. IN.
[FTN045]	AEDC VA474 (CA77/78) (B26C9F7M7) (V1:6E26) (VBR5)	-10.000	55.000	.000	SREF 87.1563	INCHES
[FTN046]	AEDC VA474 (CA77/78) (B26C9F7M7) (V1:6E26) (VBR5)	-5.000	55.000	.000	LREF 7.1223	INCHES
[FTN047]	AEDC VA474 (CA77/78) (B26C9F7M7) (V1:6E26) (VBR5)	.000	55.000	.000	BREF 14.0523	INCHES
[FTN056]	AEDC VA474 (CA77/78) (B26C9F7M7) (V1:6E26) (VBR5)	5.000	55.000	.000	XMRP .0000	INCHES
[FTN057]	AEDC VA474 (CA77/78) (B26C9F7M7) (V1:6E26) (VBR5)	10.000	55.000	.000	YMRP .0000	INCHES
[FTN061]	AEDC VA474 (CA77/78) (B26C9F7M7) (V1:6E26) (VBR5)	15.000	55.000	.000	ZMRP .3750	INCHES

SCALE .0150

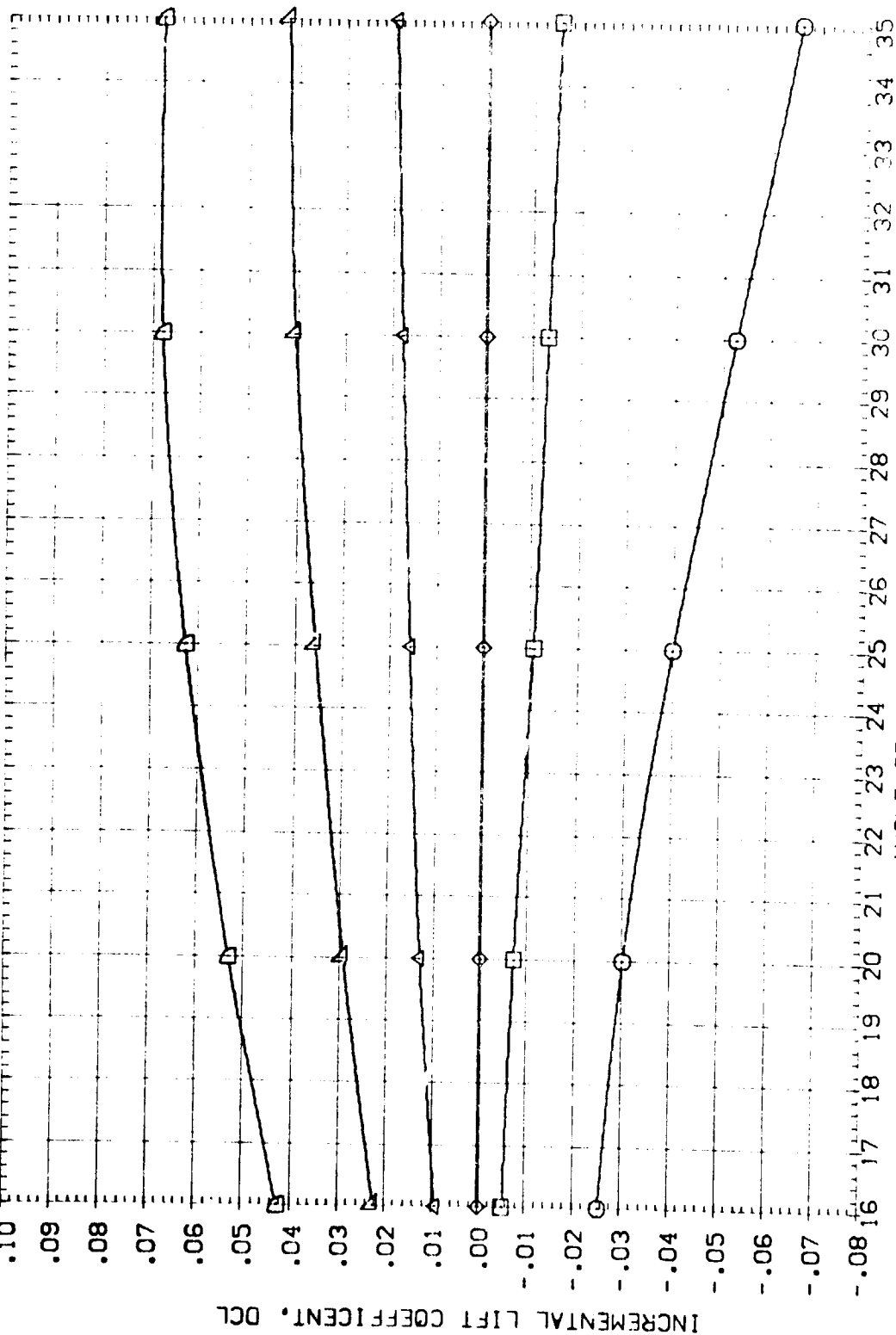


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FNC45)	AEDC VA474(OA77/78) (B2SC9F7M7)(V1)16E26(V8R5)	-10.000	16.300	55.000	.000	SREF 87.1560 SQ.IN.
(FNC46)	AEDC VA474(OA77/78) (B2SC9F7M7)(V1)16E26(V8R5)	-5.000	16.300	55.000	.000	.REF 7.1220 XCHES
(FNC47)	AEDC VA474(OA77/78) (B2SC9F7M7)(V1)16E26(V8R5)	.000	16.300	55.000	.000	NCHES
(FNC56)	AEDC VA474(OA77/78) (B2SC9F7M7)(V1)16E26(V8R5)	5.000	16.300	55.000	.000	NCHES
(FNC57)	AEDC VA474(OA77/78) (B2SC9F7M7)(V1)16E26(V8R5)	10.000	16.300	55.000	.000	NCHES
(FNC61)	AEDC VA474(OA77/78) (B2SC9F7M7)(V1)16E26(V8R5)	15.000	16.300	55.000	.000	NCHES
						ZMRP -.3750
						SCALE 0.150

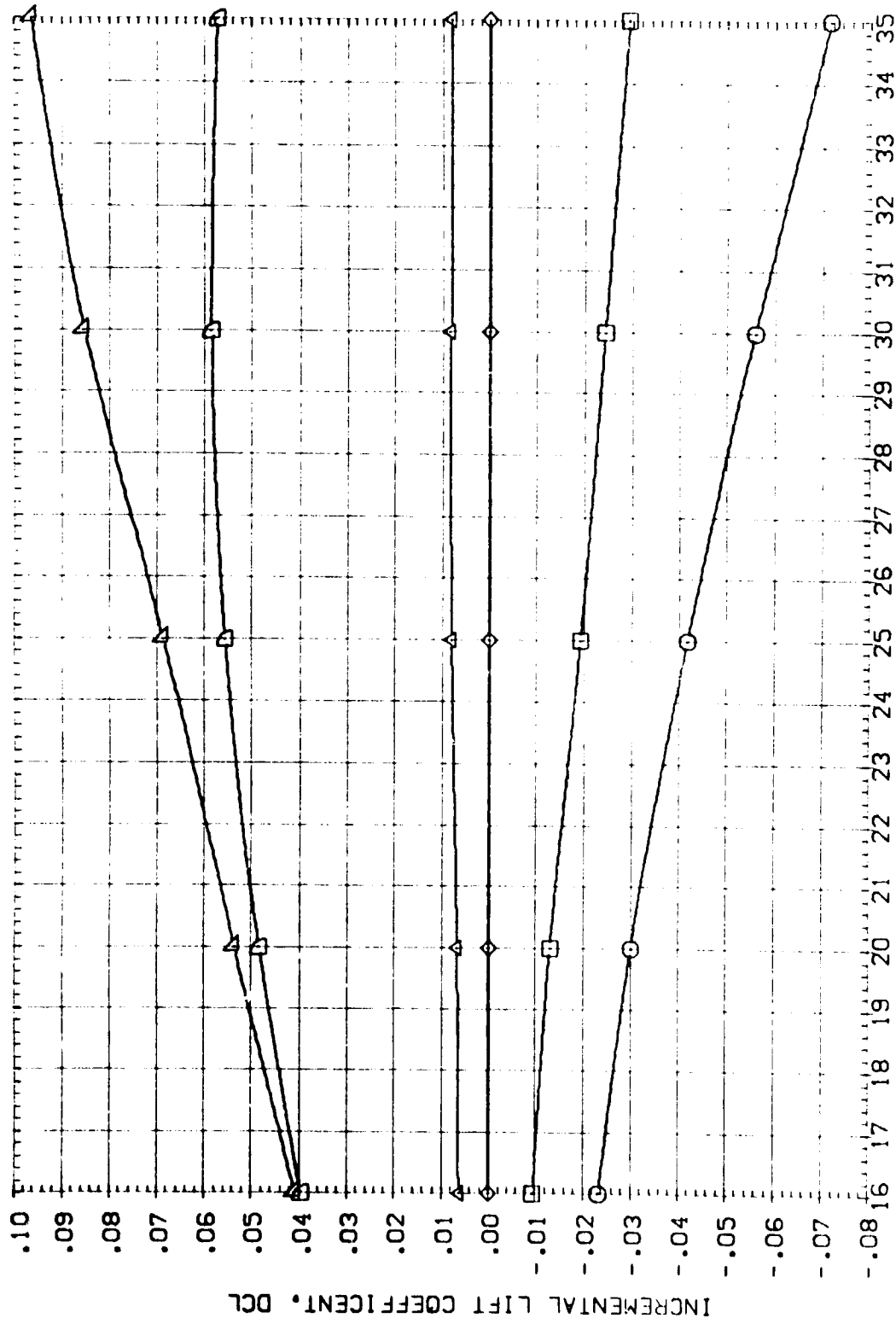


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.
 (C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	BOFLAP	SPODBRK	RUDDER	REFERENCE	INFORMATION
(FTN045)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-40.000	16.300	55.000	.000	SREF	8.1550 INCHES
(FTN046)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	-5.000	16.300	55.000	.000	LREF	1.1220 INCHES
(FTN047)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	.000	16.300	55.000	.000	YMRP	.0520 INCHES
(FTN056)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	5.000	16.300	55.000	.000	YMRP	.0000 INCHES
(FTN057)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	10.000	16.300	55.000	.000	ZMRP	.3750 INCHES
(FTN061)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VB85)	15.000	16.300	55.000	.000	SCALE	.0150

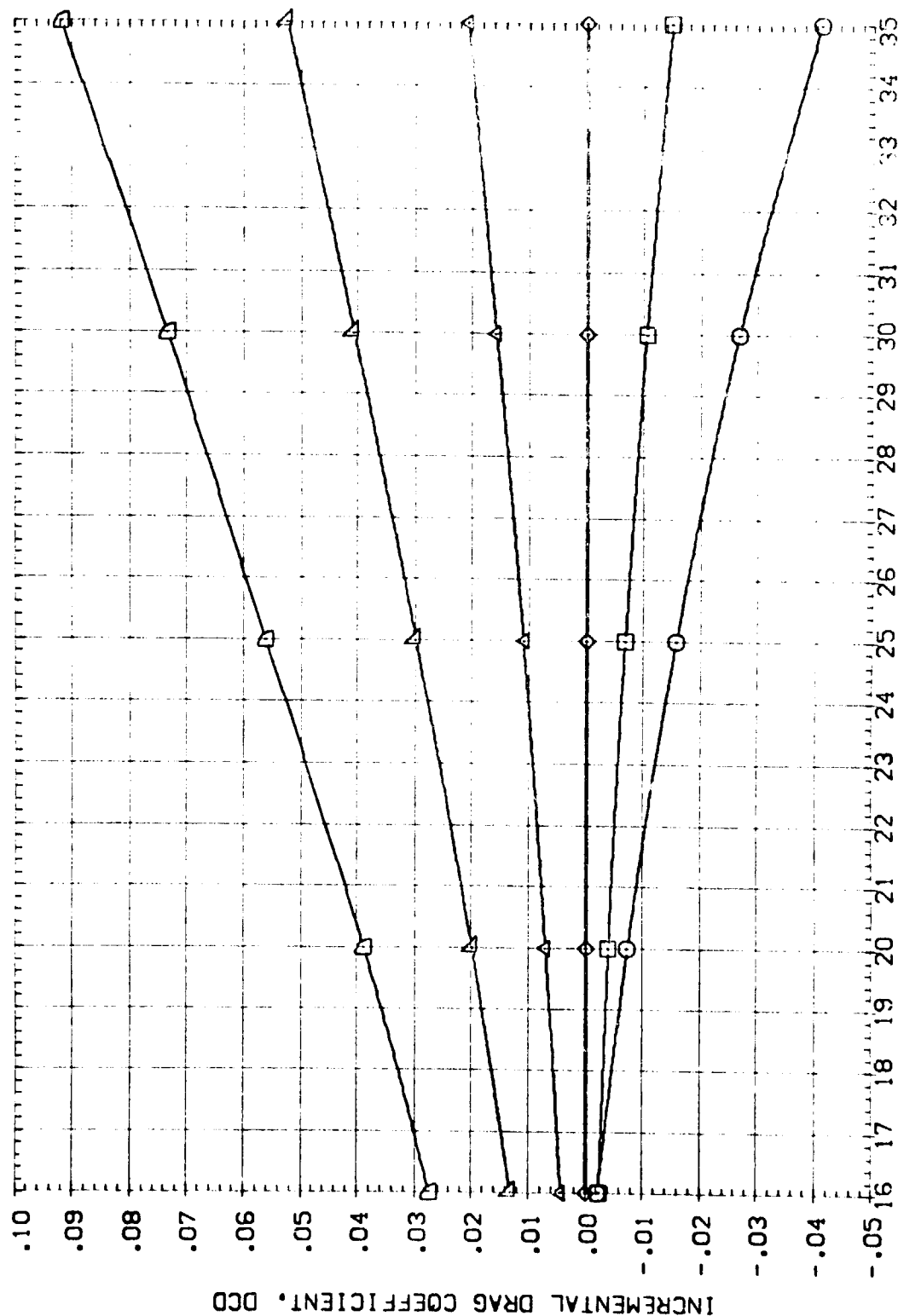


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 15.3 DEG.

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(FTN045)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF 87.1560 INCHES
(FTN046)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
(FTN047)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	16.300	55.000	.000	XREF 14.0520 INCHES
(FTN056)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.000	16.300	55.000	.000	YMRP .0000 INCHES
(FTN057)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	10.000	16.300	55.000	.000	ZMRP -.3750 INCHES
(FTN061)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	SCALE .0150

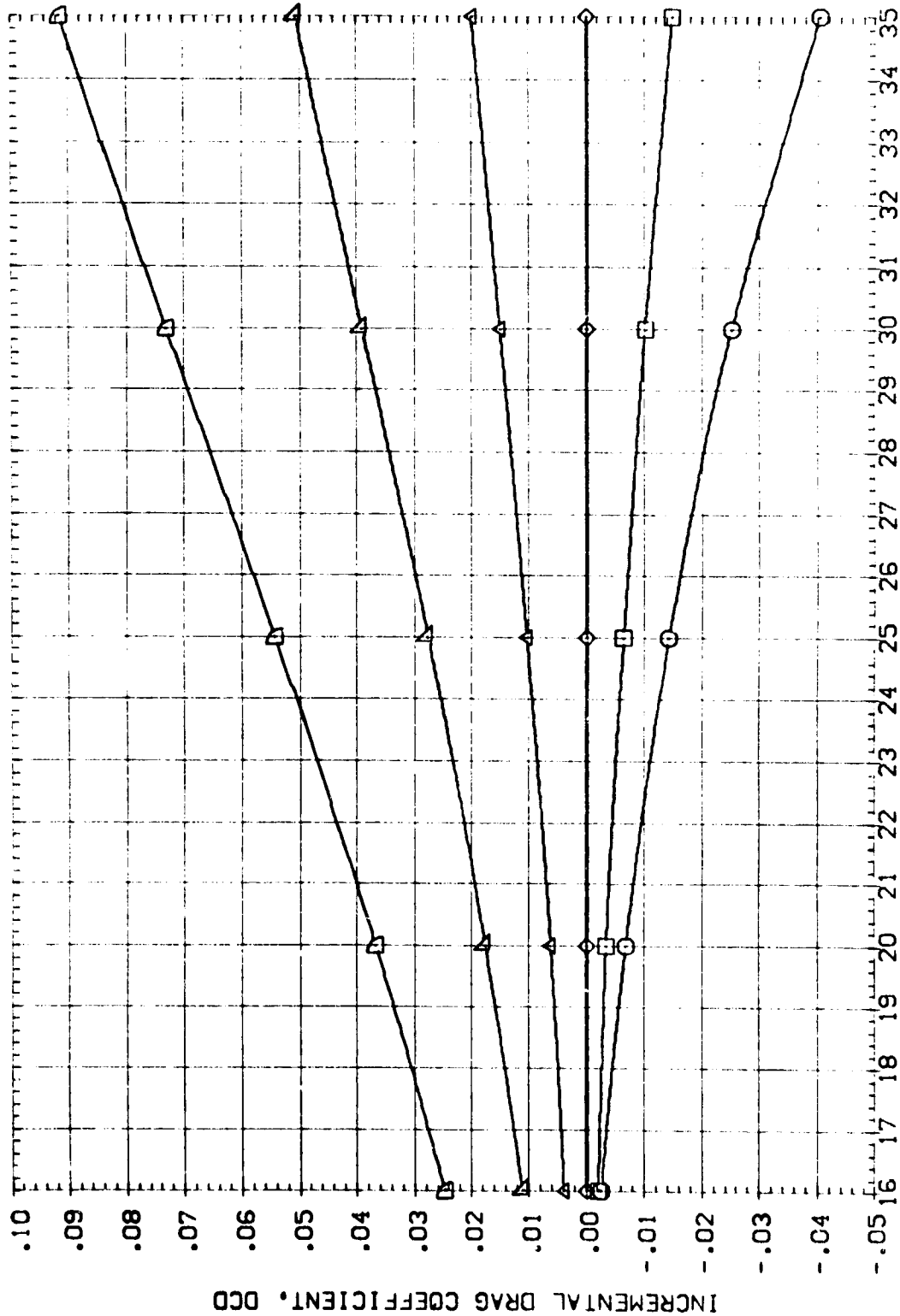


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN045)	AEDC VA474(OA77/78) (B76C9F7M7) (V116E26) (VBRS)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
(FTN046)	AEDC VA474(OA77/78) (B76C9F7M7) (V116E26) (VBRS)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
(FTN047)	AEDC VA474(OA77/78) (B76C9F7M7) (V116E26) (VBRS)	.000	16.300	55.000	.000	BREF 14.0520 INCHES
(FTN056)	AEDC VA474(OA77/78) (B76C9F7M7) (V116E26) (VBRS)	5.000	16.300	55.000	.000	YMRP 12.6250 INCHES
(FTN057)	AEDC VA474(OA77/78) (B76C9F7M7) (V116E26) (VBRS)	10.000	16.300	55.000	.000	ZMRP .0000 INCHES
(FTN061)	AEDC VA474(OA77/78) (B76C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	ZMRP -.3750 INCHES
						SCALE C:50

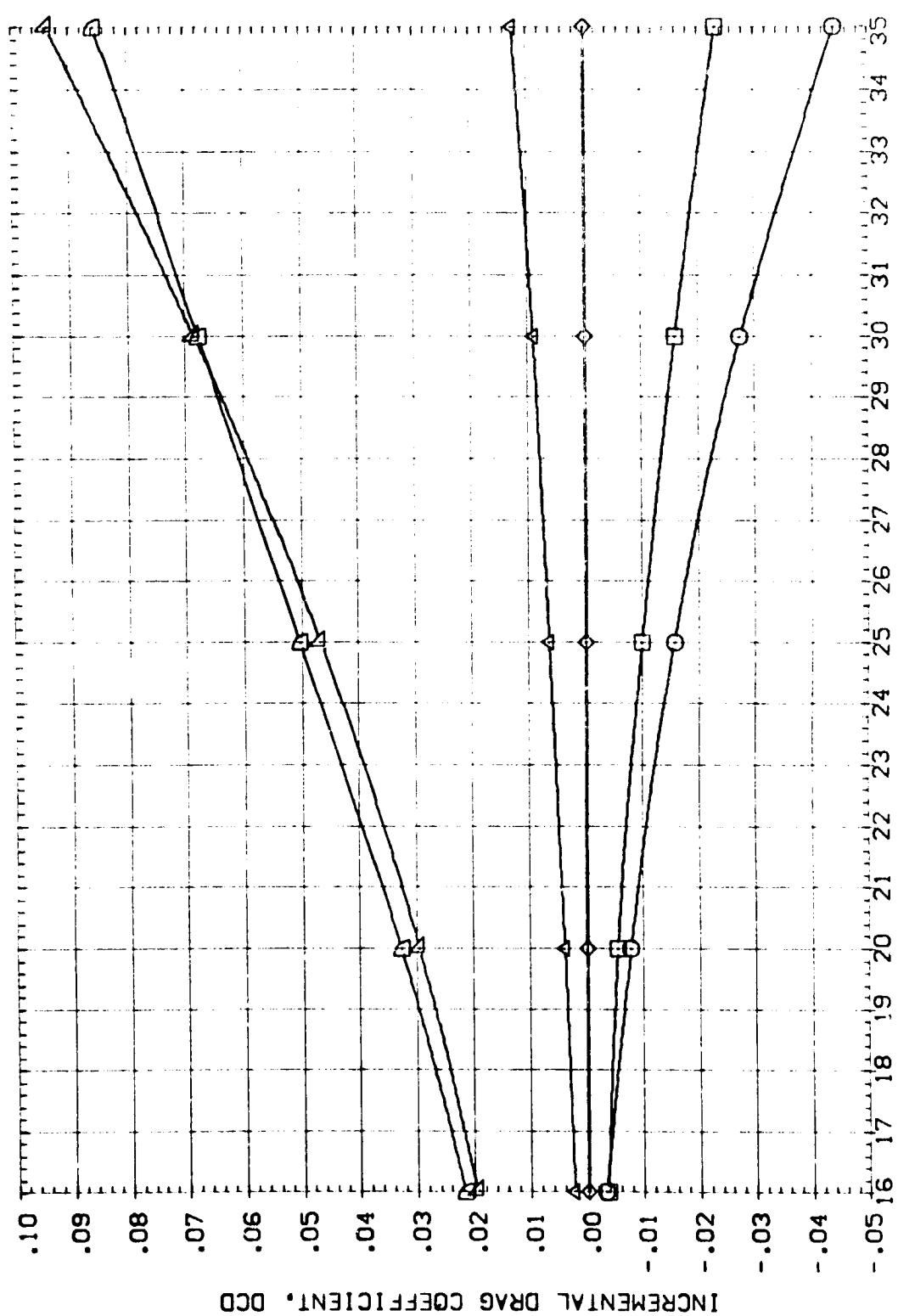


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO. IN.
(FTN045)	AEDC VA474(D-77/78) (B26C9-7M7) (V116E26) (VBR5)	-40.000	16.300	55.000	.000	SREF	87.1560
(FTN046)	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (VBR5)	-5.000	16.300	55.000	.000	LREF	7.1270
(FTN047)	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (VBR5)	.000	16.300	55.000	.000	BREF	14.0570
(FTN056)	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (VBR5)	5.000	16.300	55.000	.000	XMRP	12.6250
(FTN057)	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (VBR5)	10.000	16.300	55.000	.000	YMRP	.0000
(FTN061)	AEDC VA474(DA77/78) (B26C9-7M7) (V116E26) (VBR5)	15.000	16.300	55.000	.000	ZMRP	-.3750
						SCALE	.0150

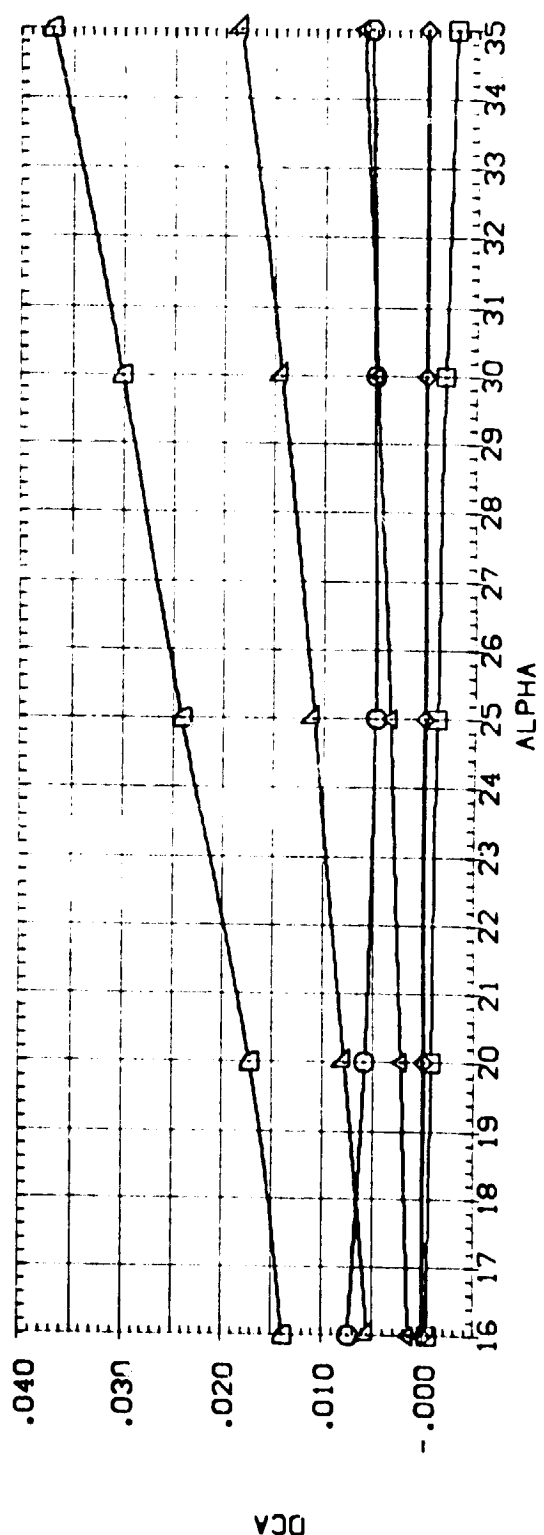
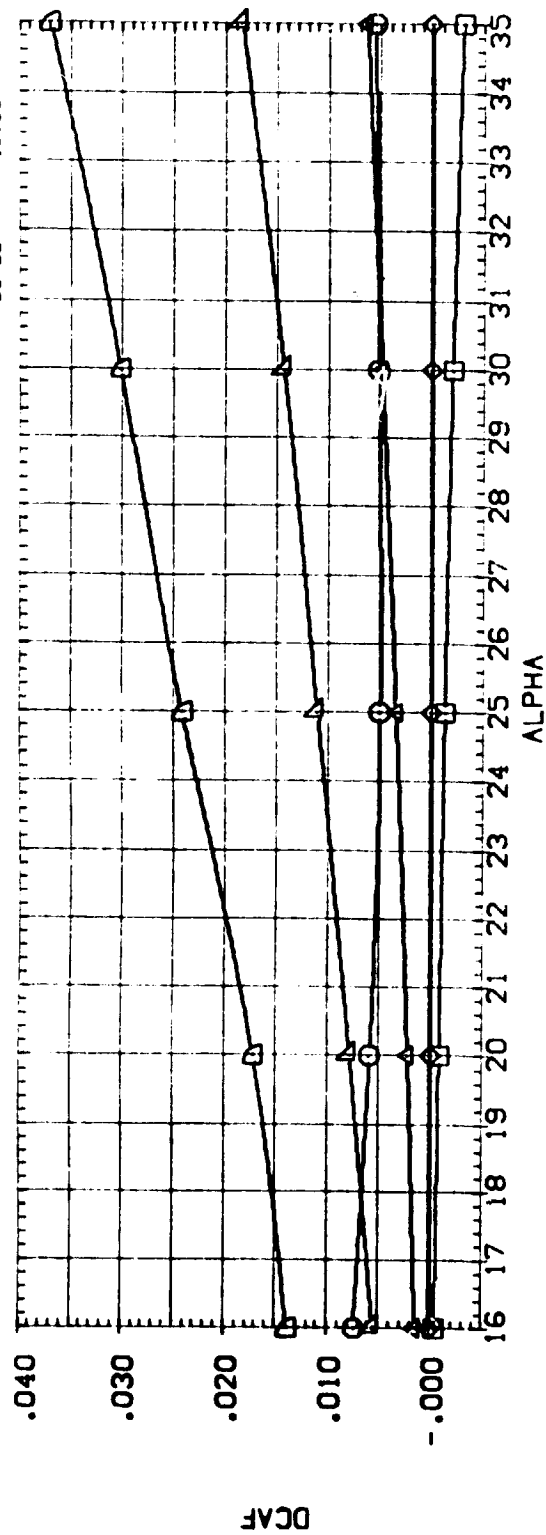
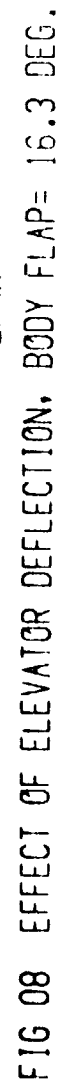


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 6.00

DCAF



CBMACH = 8.00

DATA SET SYMBOL	CONF	DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO, IN.
(PTN045)	AEDC	VA474 (CA77/78)	-40.000	16.300	55.000	.000	SREF	87.1563
(PTN046)	AEDC	VA474 (CA77/78)	-5.000	16.300	55.000	.000	LREF	7.1223
(PTN047)	AEDC	VA474 (CA77/78)	5.000	16.300	55.000	.000	BREF	14.0520
(PTN048)	AEDC	VA474 (CA77/78)	10.000	16.300	55.000	.000	XMRP	2.16250
(PTN049)	AEDC	VA474 (CA77/78)	15.000	16.300	55.000	.000	YMRP	.0000
(PTN050)	AEDC	VA474 (CA77/78)	15.000	16.300	55.000	.000	ZMRP	-.3753
(PTN051)	AEDC	VA474 (CA77/78)	15.000	16.300	55.000	.000	SCALE	.0153

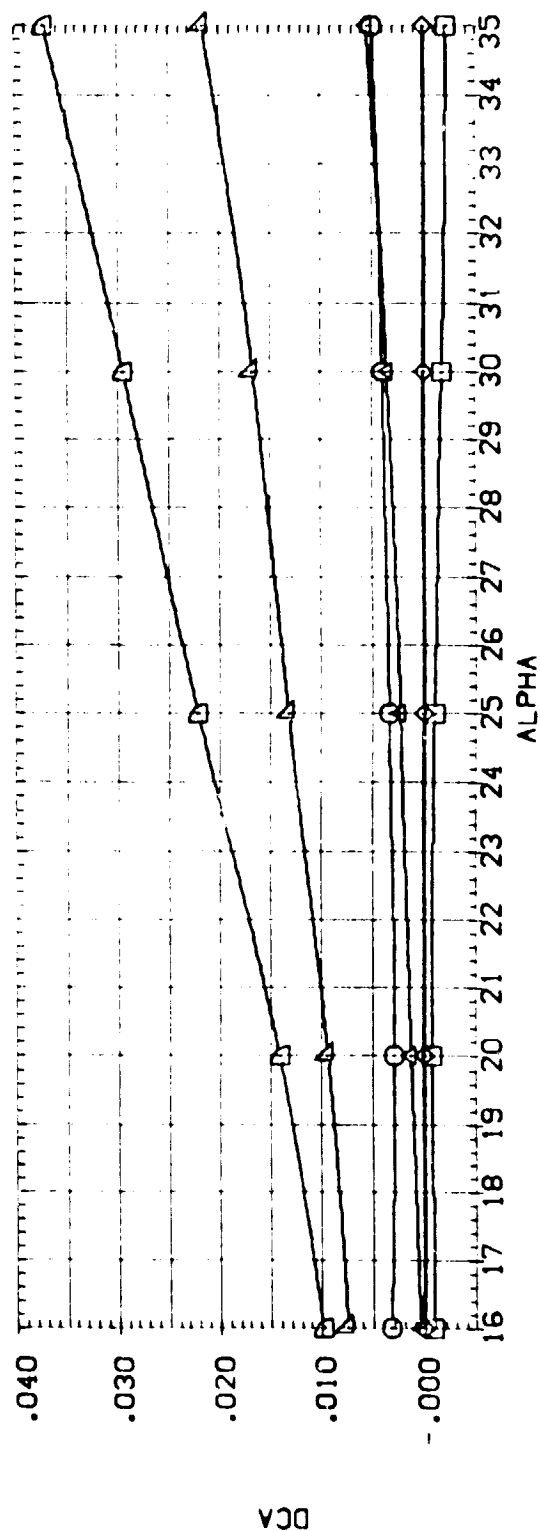
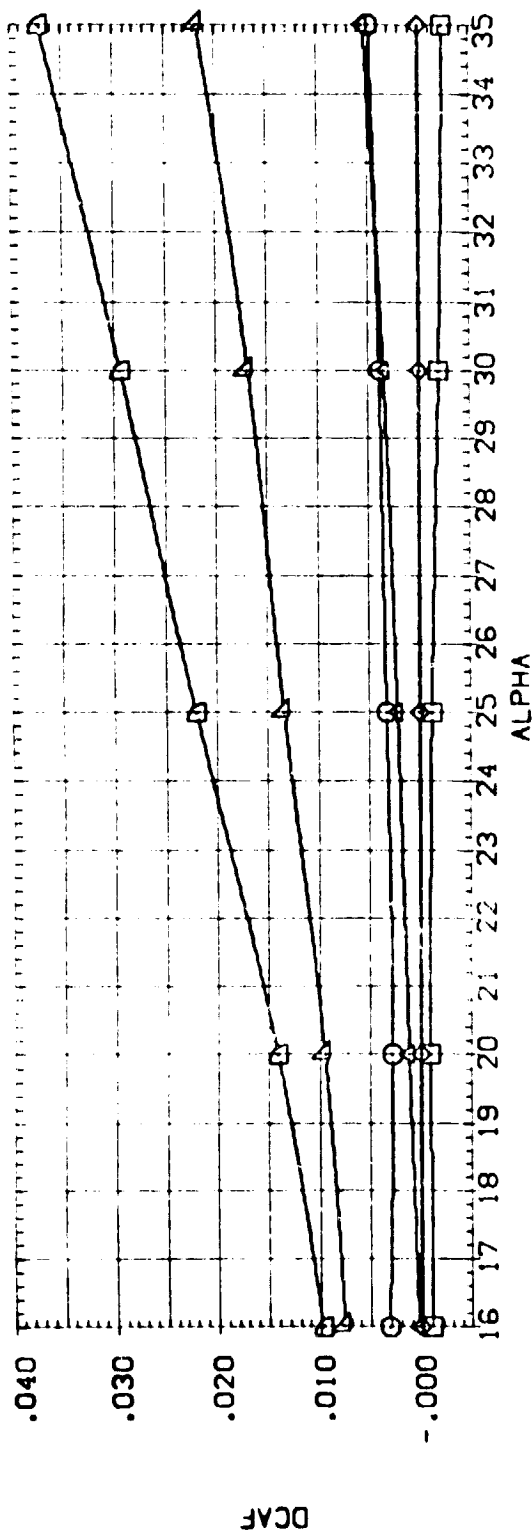


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FTN045)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ IN.
(FTN046)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 IN.
(FTN047)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V8R5)	.000	16.300	55.000	.000	BREF 14.0570 IN.
(FTN056)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V8R5)	5.000	16.300	55.000	.000	XMRP 12.6250 IN.
(FTN057)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V8R5)	10.000	16.300	55.000	.000	YMRP .0000 IN.
(FTN061)	AEDC VA474(0A77/78) (B26C9-7M7) (V116E26)(V8R5)	15.000	16.300	55.000	.000	ZMRP -.3750 IN.
						SCALE .0150

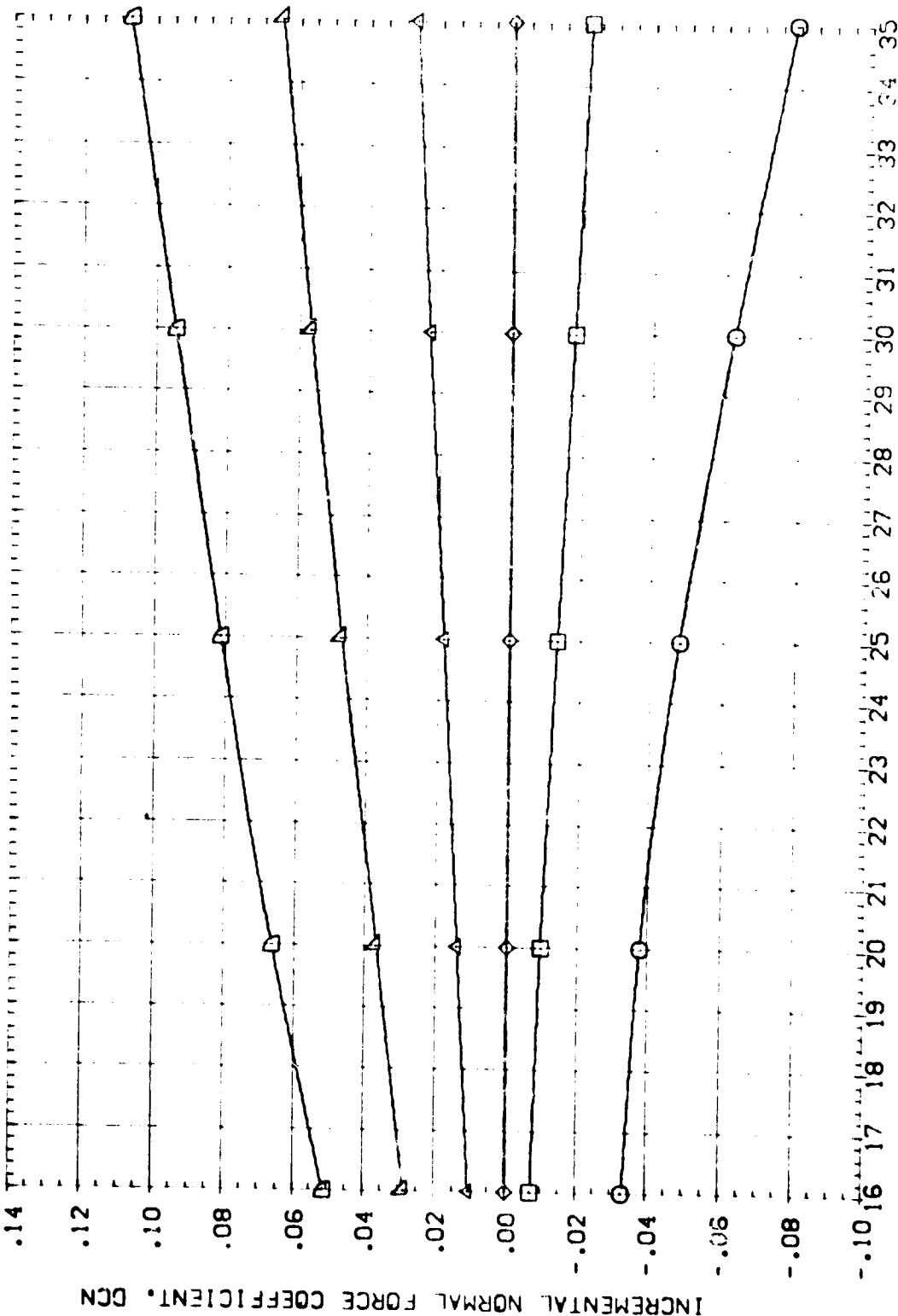


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(ADMACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	DELTA LEV	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO. IN.
(FTN045)	AEDC VA474 (DA77/78) (B2SC9F7M7) (W116E26) (VBR5)	-40.000	15.300	55.000	.000	.000	SREF	87.1560
(FTN046)	AEDC VA474 (DA77/78) (B2SC9F7M7) (W116E26) (VBR5)	-5.000	15.300	55.000	.000	.000	LRREF	7.1220
(FTN047)	AEDC VA474 (DA77/78) (B2SC9F7M7) (W116E26) (VBR5)	5.000	15.300	55.000	.000	.000	SRREF	14.0520
(FTN056)	AEDC VA474 (DA77/78) (B2SC9F7M7) (W116E26) (VBR5)	0.000	15.300	55.000	.000	.000	YMRP	12.6250
(FTN057)	AEDC VA474 (DA77/78) (B2SC9F7M7) (W116E26) (VBR5)	0.000	15.300	55.000	.000	.000	ZMRP	0.0000
(FTN061)	AEDC VA474 (DA77/78) (B2SC9F7M7) (W116E26) (VBR5)	15.000	15.300	55.000	.000	.000	SCALE	0.0150

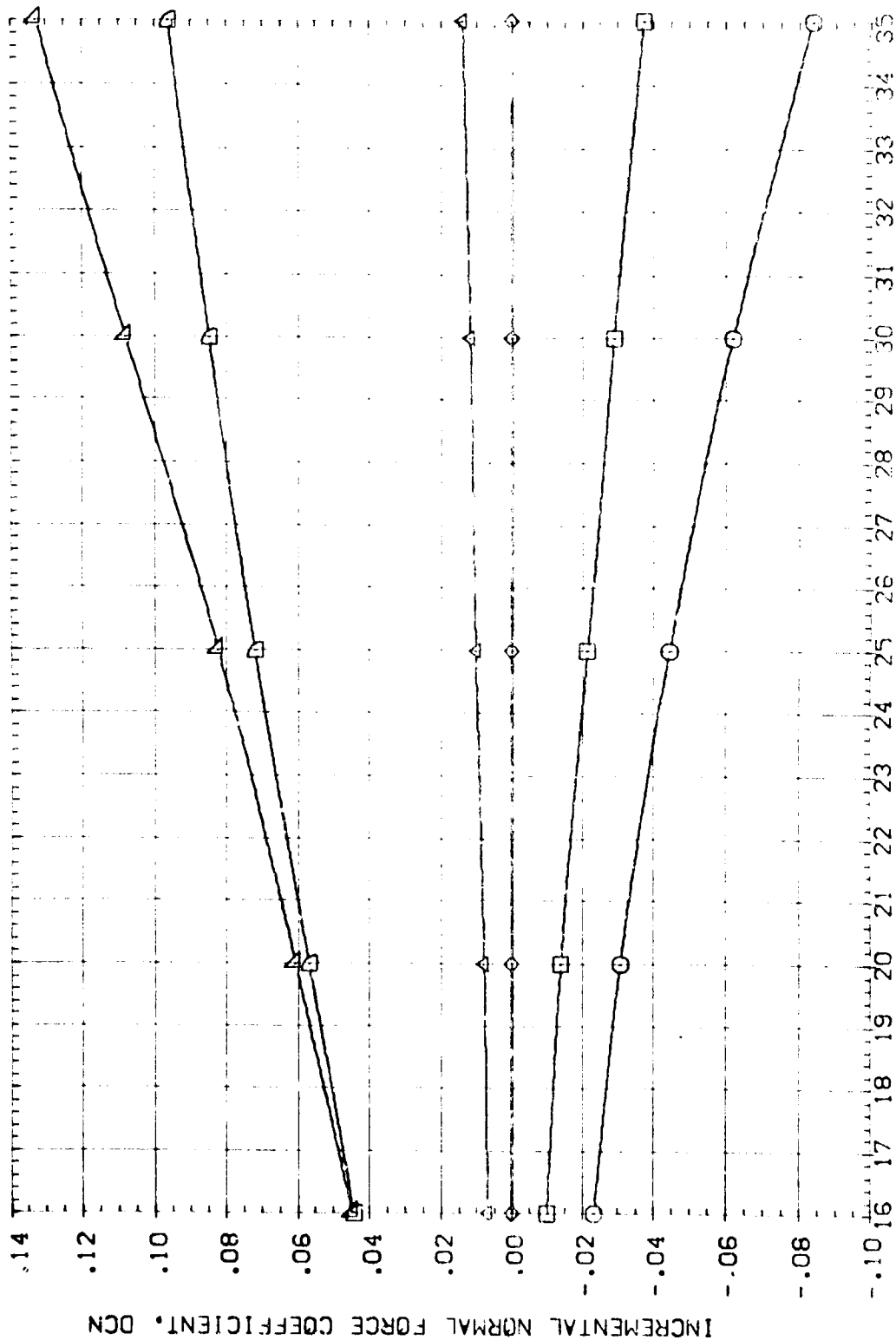
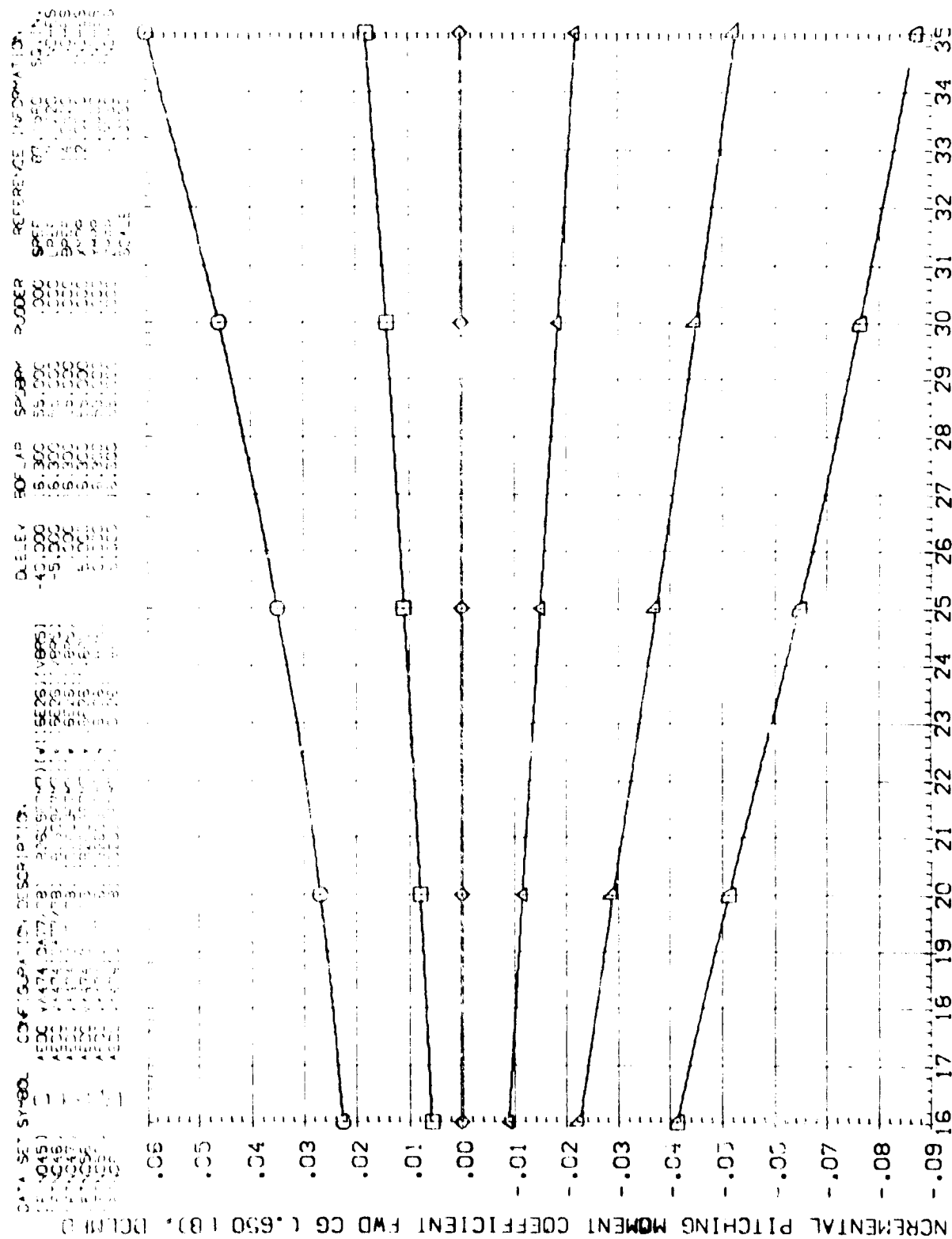


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BDLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(FNG45)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-10.000	16.300	55.000	.000	SREF 87.1560 SQ IN: 50
(FNG46)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	-5.000	16.300	55.000	.000	LREF 87.1560 SQ IN: 50
(FNG47)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.000	16.300	55.000	.000	BREF 14.0520 SQ IN: 50
(FNG57)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	10.000	16.300	55.000	.000	XMRP 12.0250 SQ IN: 50
(FNG61)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)	15.000	16.300	55.000	.000	ZMRP 12.0250 SQ IN: 50
						SCALE 10.150

INCREMENTAL PITCHING MOMENT COEFFICIENT FWD CG (.650 LB). DCLTFD

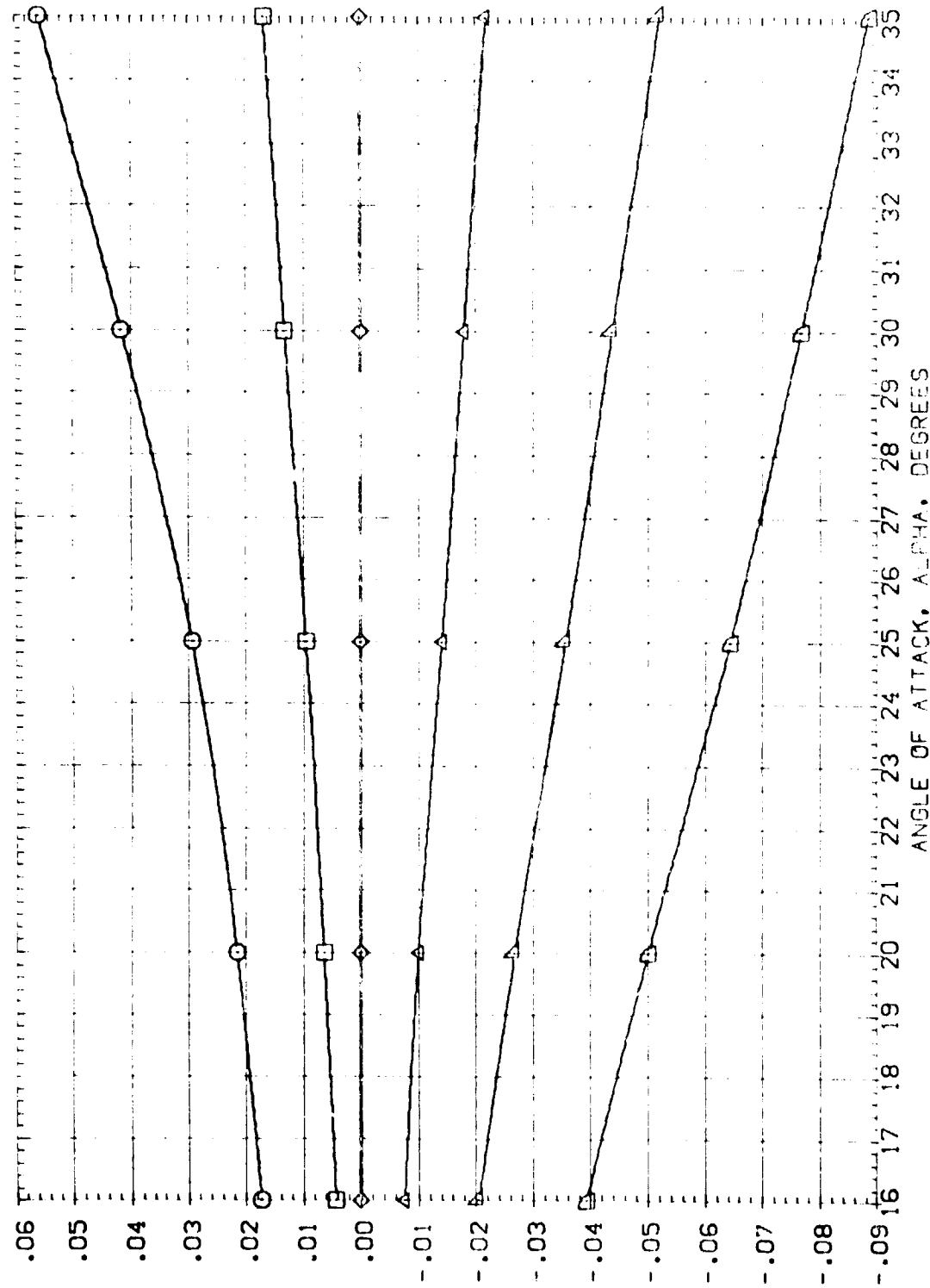


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(3) MACH = 8.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION
(FTN045) AEDC VA474 (C) 7/78 (326C9747) (V) 1626 (VBR5)
(FTN046) AEDC VA474 (C) 7/78 (326C9747) (V) 1626 (VBR5)
(FTN047) AEDC VA474 (C) 7/78 (326C9747) (V) 1626 (VBR5)
(FTN048) AEDC VA474 (C) 7/78 (326C9747) (V) 1626 (VBR5)
(FTN049) AEDC VA474 (C) 7/78 (326C9747) (V) 1626 (VBR5)
(FTN050) AEDC VA474 (C) 7/78 (326C9747) (V) 1626 (VBR5)

INCREMENTAL PITCHING MOMENT COEFFICIENT FWD CG (6.50 LB), DCLMFD
DLELEV BOFLAP SPOBRK RUDDER REFERENCE INFORMATION
-40.000 16.300 55.000 .000 SPREF 87.1560 SQ.IN.
-5.000 16.300 55.000 .000 LREF 7.1220 NCHESS
5.000 16.300 55.000 .000 BRP 14.0520 NCHESS
10.000 16.300 55.000 .000 VREF 12.6250 NCHESS
15.000 16.300 55.000 .000 VREF 13.3200 NCHESS
15.000 16.300 55.000 .000 VREF 13.3200 NCHESS
SCALE 10.000

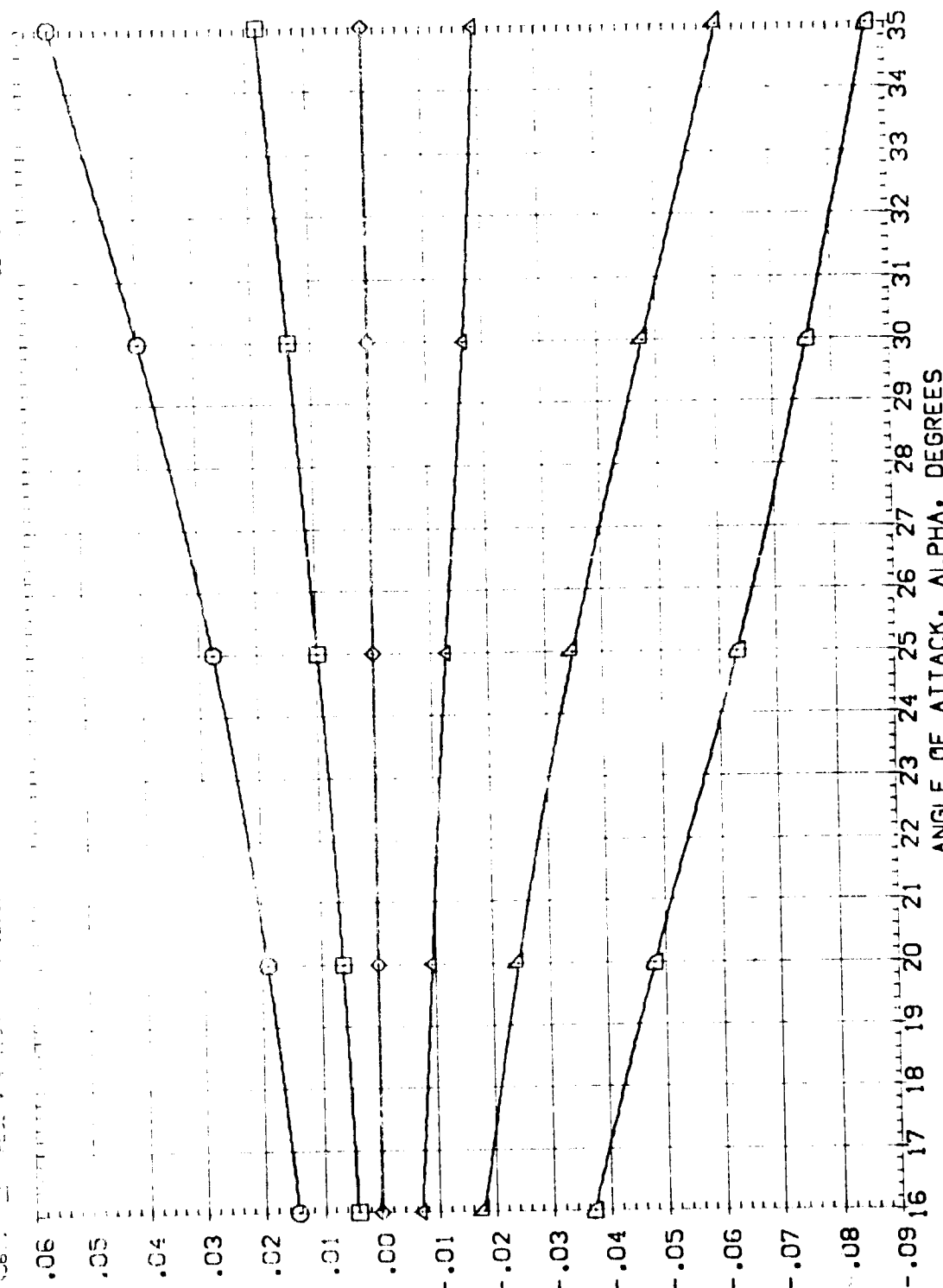


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.00

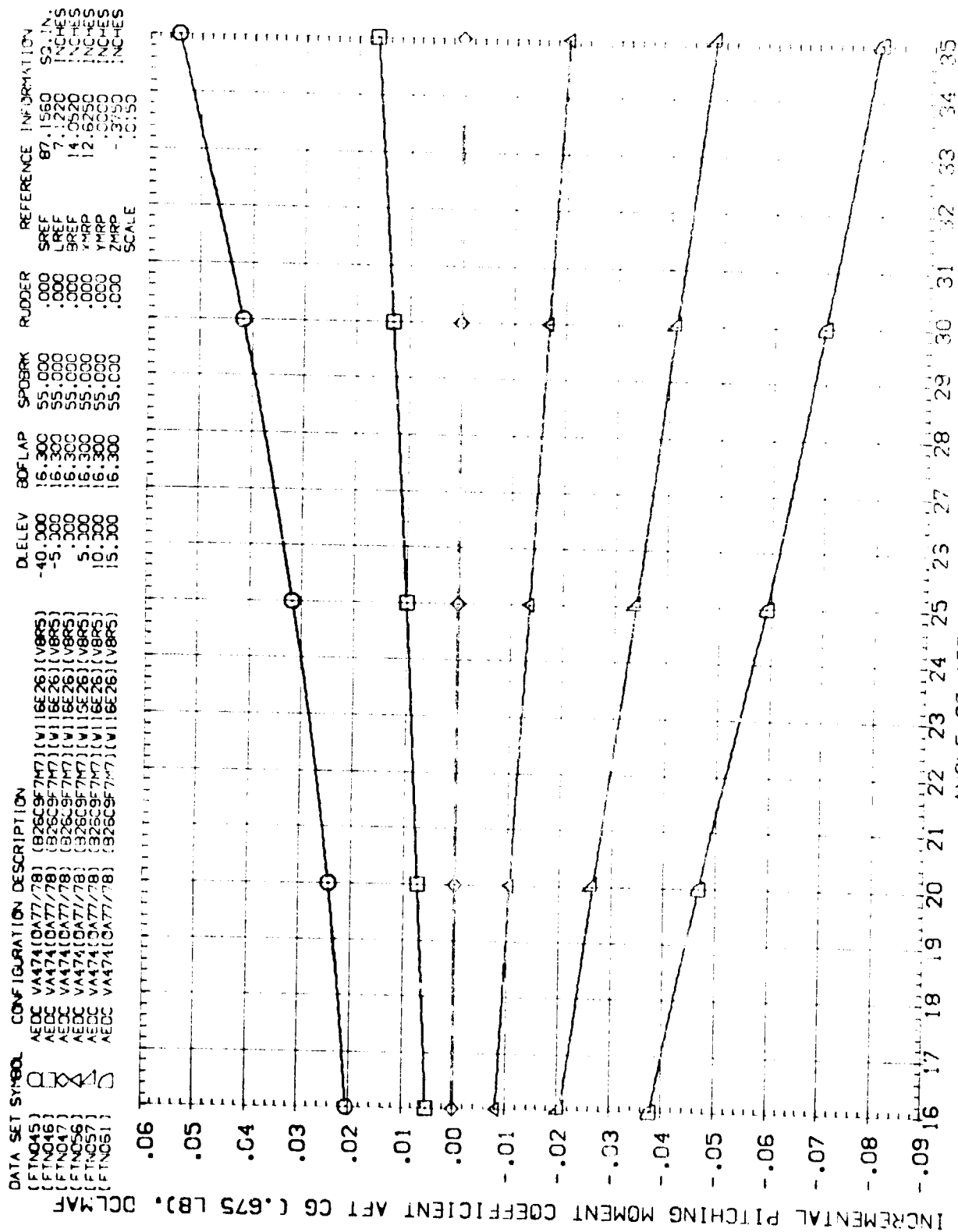


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(A)MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO IN.
(FTN045)	AEDC VA474 (0477/78) (B2609F747) (V16E26) (V885)	-40.000	16.300	55.000	.000	SREF	87.1560
(FTN046)	AEDC VA474 (0477/78) (B2609F747) (V16E26) (V885)	-5.000	16.300	55.000	.000	LREF	71.1220
(FTN047)	AEDC VA474 (0477/78) (B2609F747) (V16E26) (V885)	5.000	16.300	55.000	.000	BREF	14.0520
(FTN048)	AEDC VA474 (0477/78) (B2609F747) (V16E26) (V885)	10.000	16.300	55.000	.000	YMRP	12.6250
(FTN049)	AEDC VA474 (0477/78) (B2609F747) (V16E26) (V885)	15.000	16.300	55.000	.000	ZMRP	.0000
(FTN050)	AEDC VA474 (0477/78) (B2609F747) (V16E26) (V885)				.000	SCALE	-0.0150

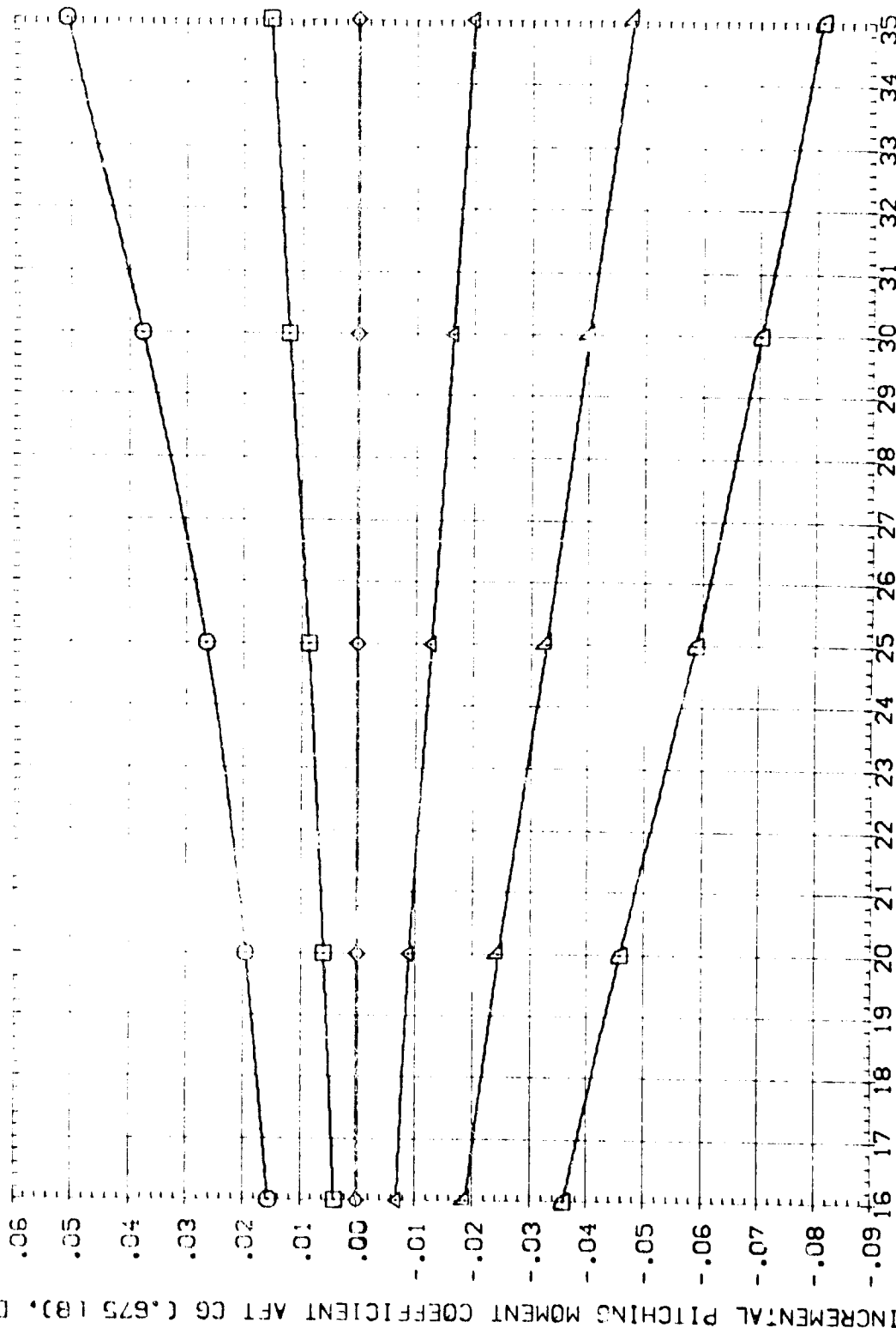


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLELEV	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[FTN045]	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8R5)	-40.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
[FTN046]	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8R5)	-5.000	16.300	55.000	.000	LREF 7.1220 INCHES
[FTN047]	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8R5)	.000	16.300	55.000	.000	BREF 14.0520 INCHES
[FTN056]	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8R5)	5.000	16.300	55.000	.000	XMRP 12.6250 INCHES
[FTN057]	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8R5)	10.000	16.300	55.000	.000	ZMRP .0000 INCHES
[FTN061]	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26)(V8R5)	15.000	16.300	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB.), DCLMAF

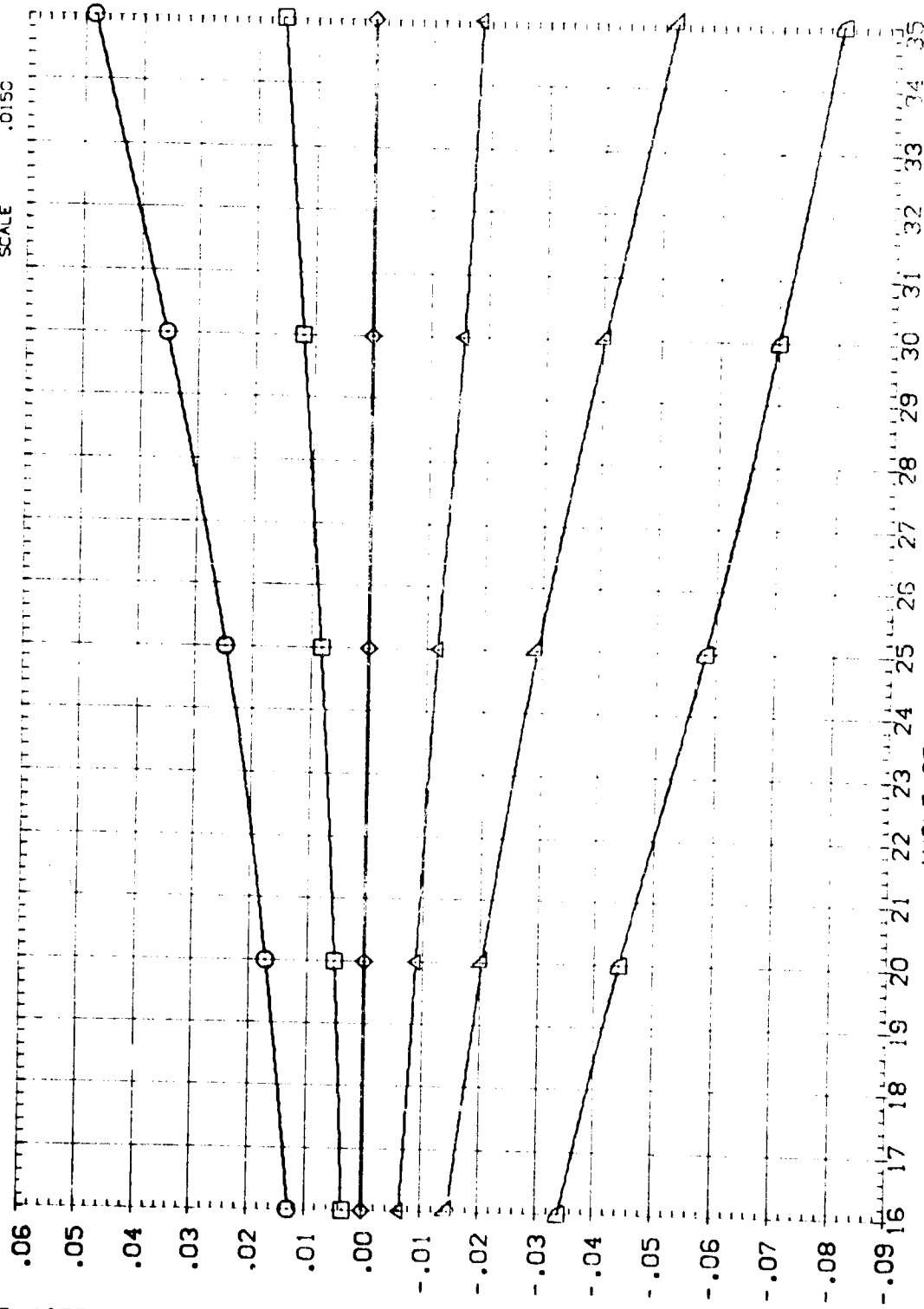


FIG 08 EFFECT OF ELEVATOR DEFLECTION, BODY FLAP= 16.3 DEG.

(C)MACH = 10.00

DATA SET 5-30L CONFIGURATION DESCRIPTION REFERENCE INFORMATION

CONFIGURATION	DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDER	SREF	SO IN
AEDC V4374 (2477/78)	(22509-747) (V115E26) (V8P5)	-11.700	.000	55.000	.000	87.1560	INCHES
AEDC V4474 (2477/78)	(82509-747) (V115E26) (V8P5)	.000	.000	55.000	.000	7.1220	INCHES
AEDC V4474 (2477/78)	(82509-747) (V115E26) (V8P5)	1E-300	.000	55.000	.000	14.0520	INCHES
						12.6250	INCHES
						.0000	INCHES
						-3.750	INCHES
						.0150	INCHES
						SCALE	

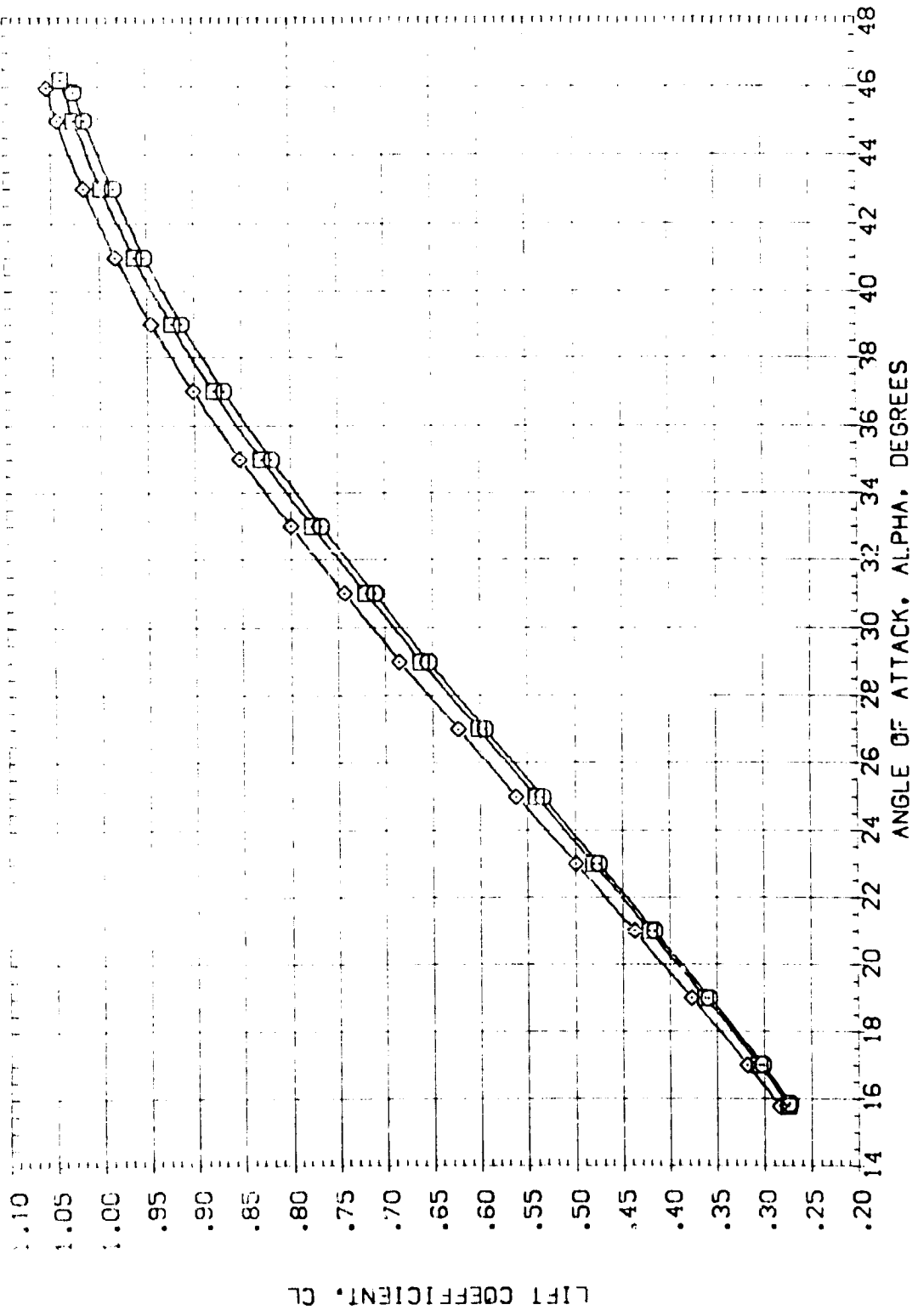


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(MACH = 5.95)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(OA77/78) (B26CSF7M7) (V116E26) (VBR5)	-11.700	.000	55.000	.000	SREF 87.1550 SQ.IN.
[ATN031]	AEDC VA474(OA77/78) (B26CSF7M7) (V116E26) (VBR5)	.000	.000	55.000	.000	LREF 7.1320 INCHES
[ATN047]	AEDC VA474(OA77/78) (B26CSF7M7) (V116E26) (VBR5)	16.300	.000	55.000	.000	BREF 14.0530 INCHES
						XMPP 12.6250 INCHES
						ZMRP .0000 INCHES
						ZMRP -3.350 INCHES
						SCALE .0150

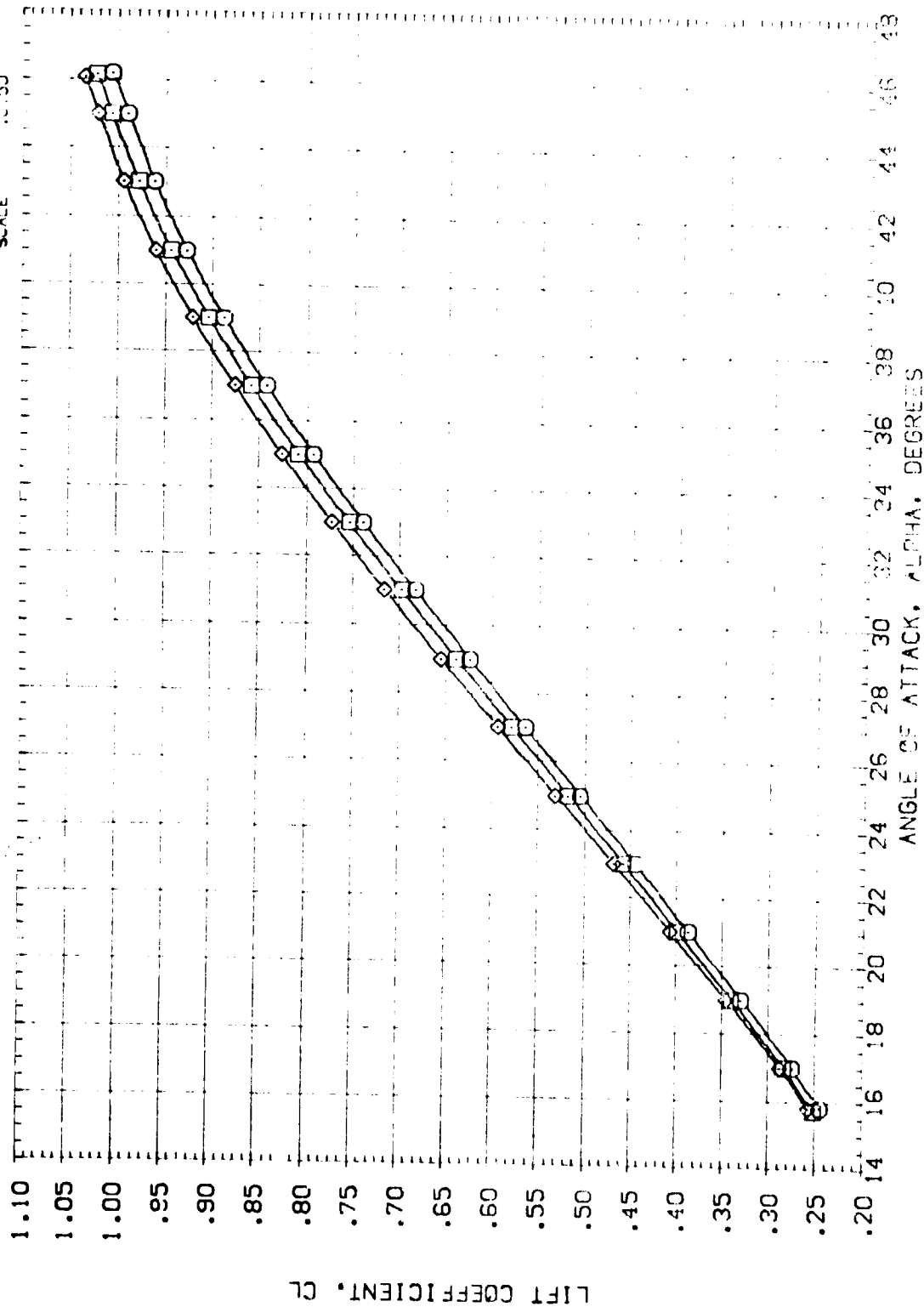


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION	
(A)NO11)	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	-11.700	.000	55.000	.000	SREF	87.1560
(A)NO31)	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	LREF	7.1220
(A)NO41)	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	13.300	.000	55.000	.000	BREF	14.0620
						YMRP	12.6250
						ZMRP	.0000
						SCALE	.0150
							INCHES

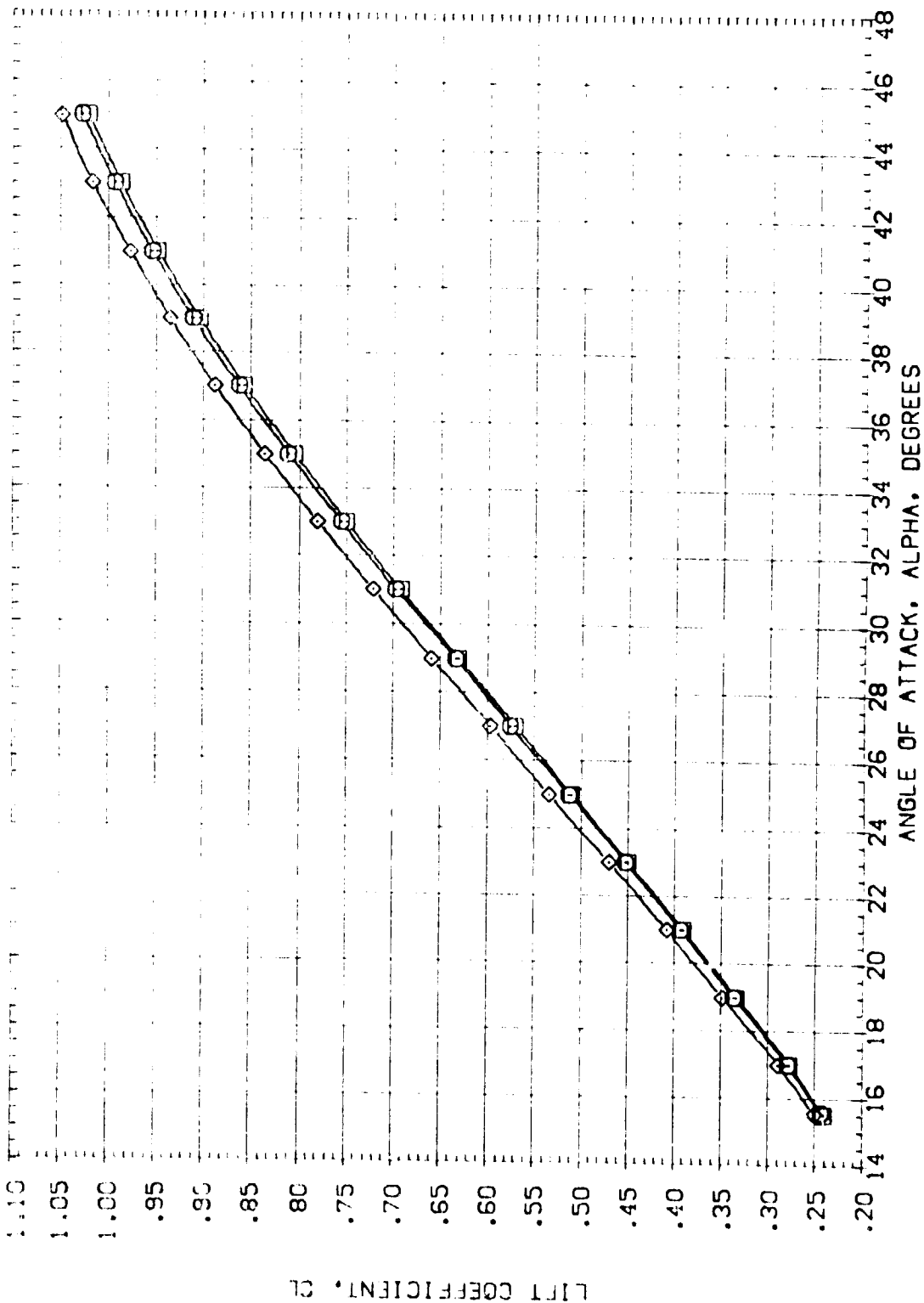


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BDFLAP	ELEVTR	SPDSRK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA474(DA77/78) (B26C9F747) (V116E26) (V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
[ATN031]	AEDC VA474(DA77/78) (B26C9F747) (V116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VA474(DA77/78) (B26C9F747) (V116E26) (V8R5)	16.300	.000	55.000	.000	SREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

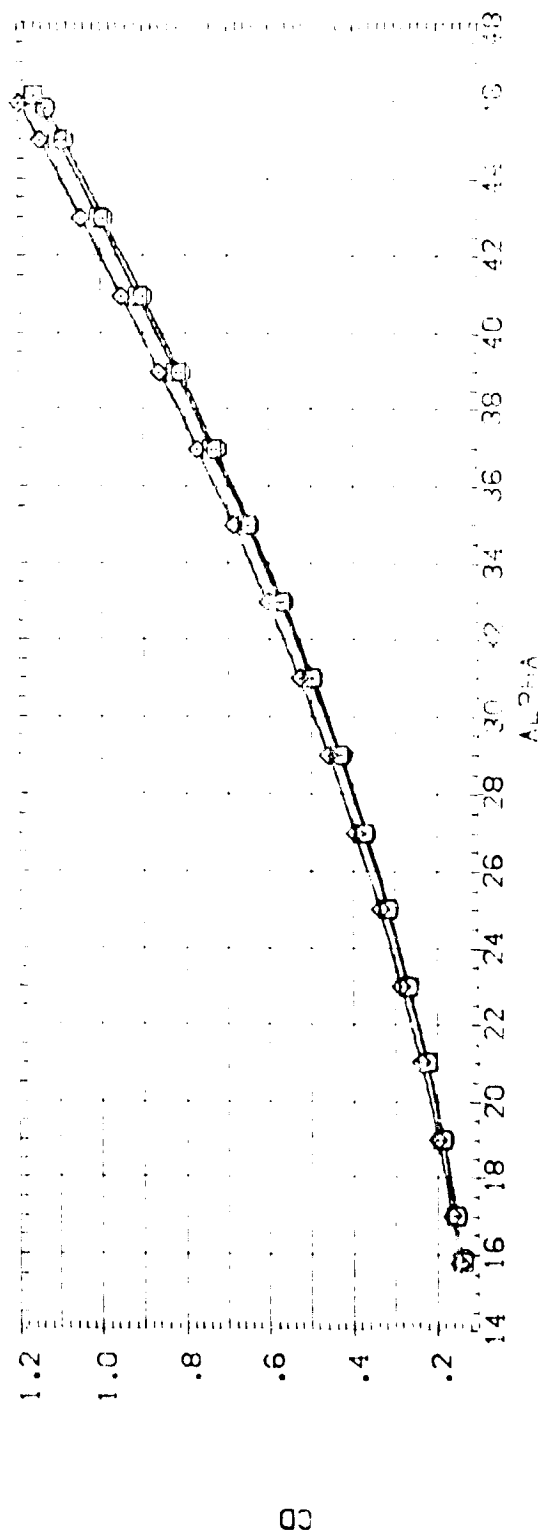
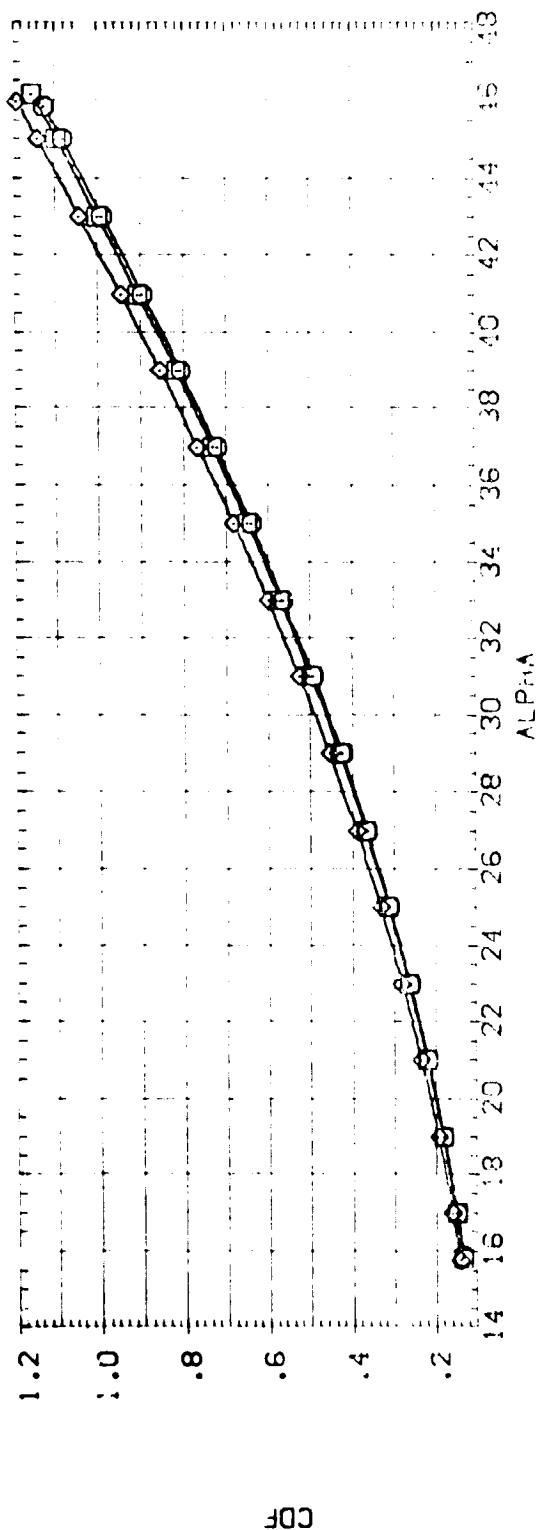


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MAC = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SCFLAP	ELEVTR	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474 (CAT/78) (B25C9747) (V118E26) (V8R5)	-11.700	.000	55.000	.000	SRF 87.1560
(ATN031)	AEDC VA474 (CAT/78) (B25C9747) (V118E26) (V8R5)	.000	.000	55.000	.000	REF 7.1320
(ATN047)	AEDC VA474 (CAT/78) (B25C9747) (V118E26) (V8R5)	16.300	.000	55.000	.000	BRF 14.3520
						XMRO 2.1520
						YMRO .0000
						ZMRO .0000
						SCALE 0.1500

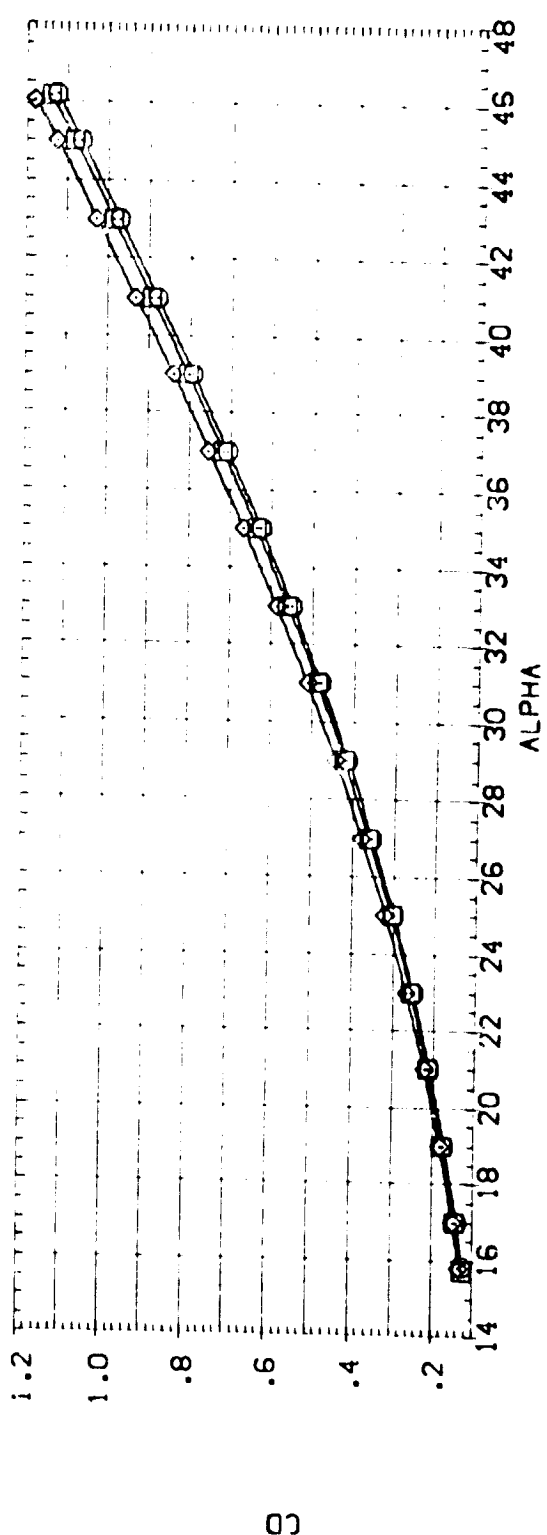
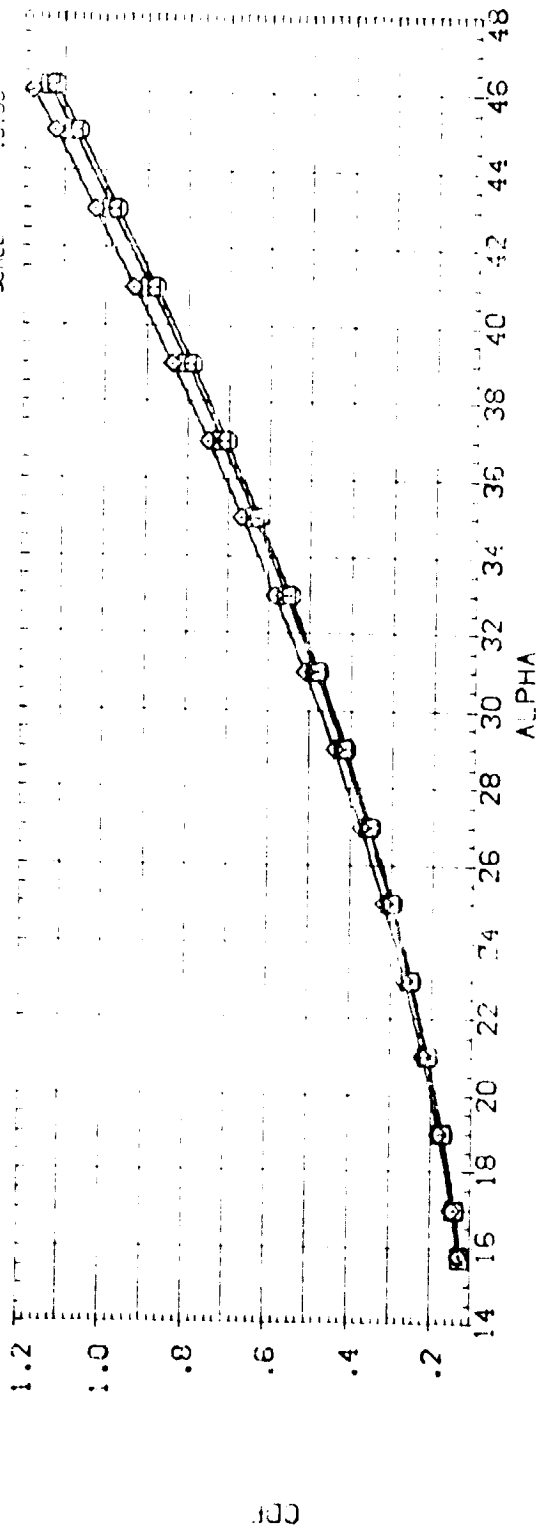


FIG 09 EFFECT OF BODY FLAP DEFLECTION
(B)MACH = 8.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONF	IG	MA	IN	DESCRIPTION
[A1N01]	AECC	VA474	127	78	(B3C9-747)(V11E26)(V8S)
[A1N03]	AECC	VA474	127	78	(B3C9-747)(V11E26)(V8S)
[A1N04]	AECC	VA474	127	78	(B3C9-747)(V11E26)(V8S)

REFERENCE INFORMATION

REFERENCE	SPREF	RUDER	SPDRK	ELEVTR	BOFLAP	SO IN
SPREF	.000	.000	.000	.000	-11.700	50.1560
RUDER	.000	.000	.000	.000	.000	1.220
SPDRK	.000	.000	.000	.000	.000	1.0520
ELEVTR	.000	.000	.000	.000	.000	1.0520
BOFLAP	.000	.000	.000	.000	.000	1.0520
SCALE	.000	.000	.000	.000	.000	1.0520

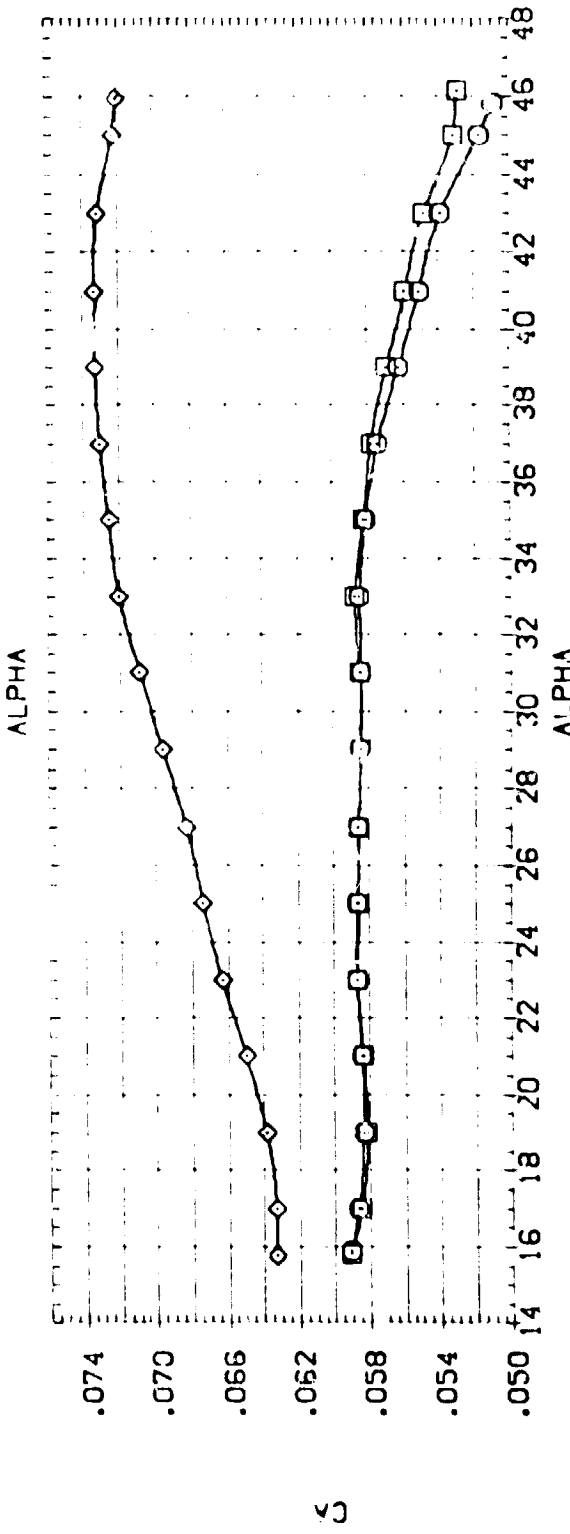
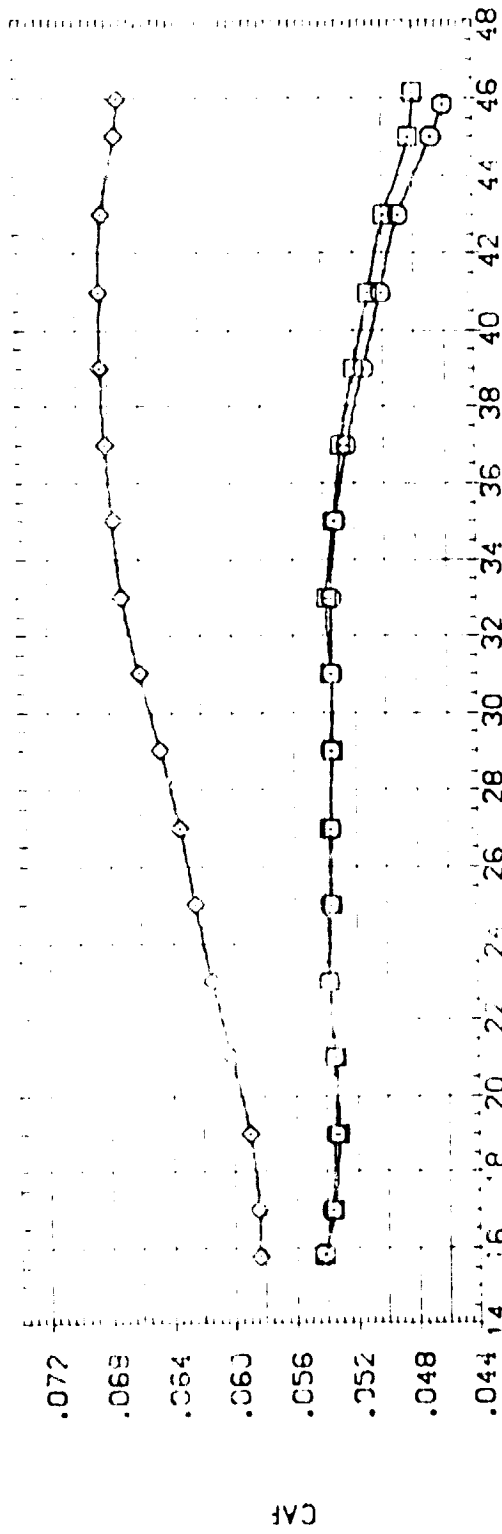


FIG 09 EFFECT OF BODY FLAP DEFLECTION
(A)MACH = 5.95

DATA SET SYMBOL: [ATN011] [ATN031] [ATN047] CONFIGURATION DESCRIPTION: AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(V8R5) AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(V8R5) AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(V8R5) REFERENCE INFORMATION: SREF 87.1560 SQ IN. LREF 7.1220 INCHES BREF 14.0520 INCHES XMRP 12.6250 INCHES YMRP .0000 INCHES ZMRP -.3750 INCHES SCALE .0150

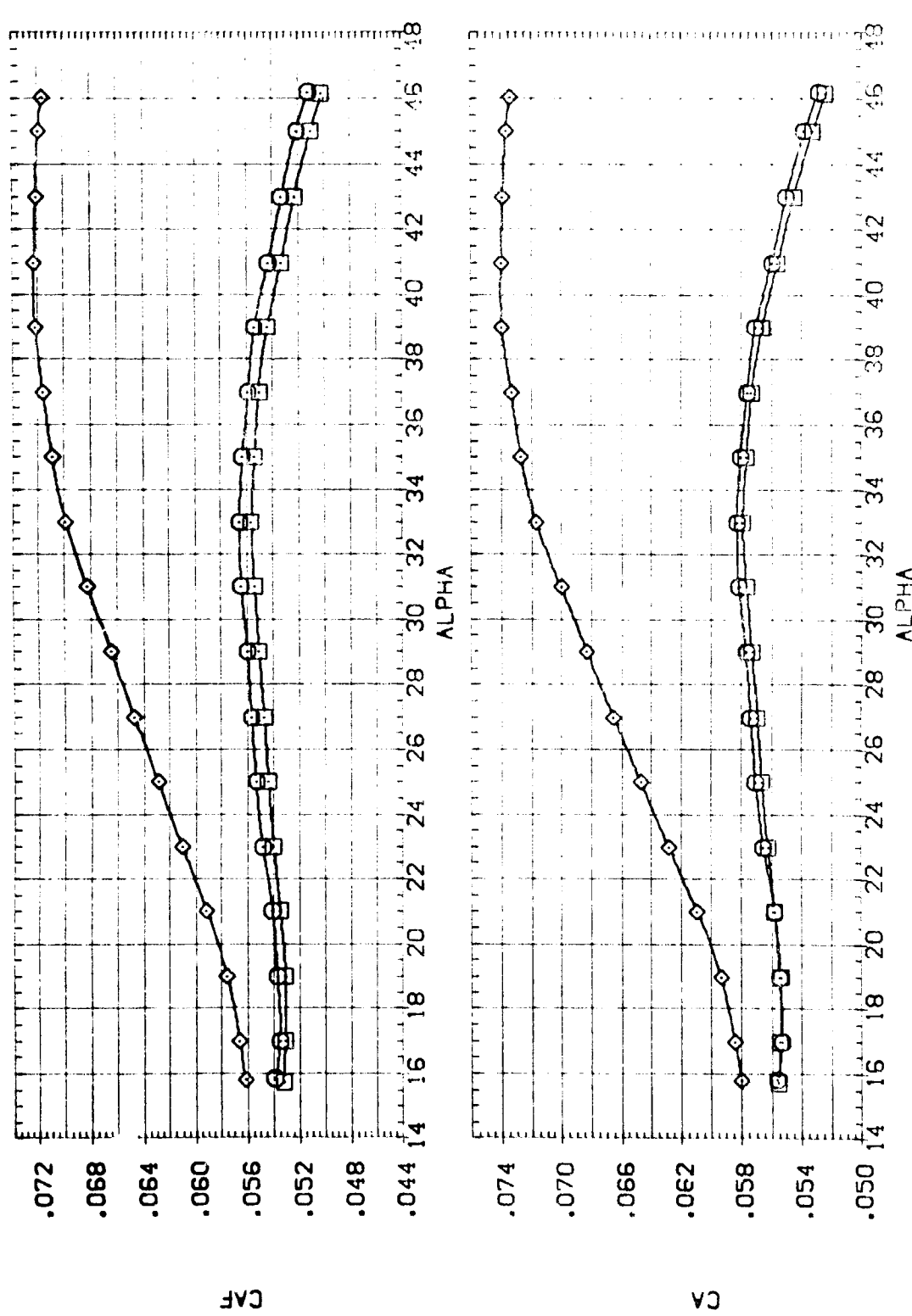


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVLR	SPOBRK	RJDDER	REFERENCE INFORMATION	SO. IN.
[ATN011]	AEDC VA474(3A77/78) (B26C9F7H7) (W116E26) (VBR5)	-11.700	.000	55.000	.000	SREF	87.1560
[ATN031]	AEDC VA474(3A77/78) (B26C9F7H7) (W116E26) (VBR5)	.000	.000	55.000	.000	LREF	7.1220
[ATN047]	AEDC VA474(3A77/78) (B26C9F7H7) (W116E26) (VBR5)	16.300	.000	55.000	.000	SREF	14.0520
						YMRP	12.6250
						ZMRP	.0000
						SCALE	.0150

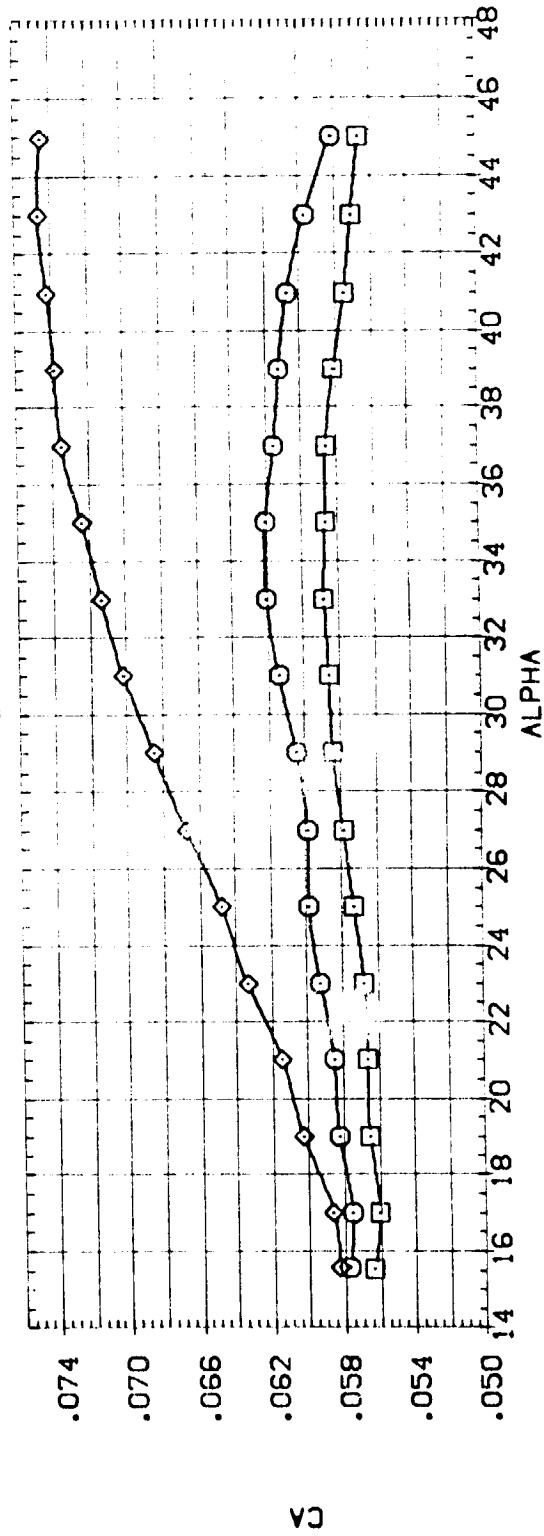
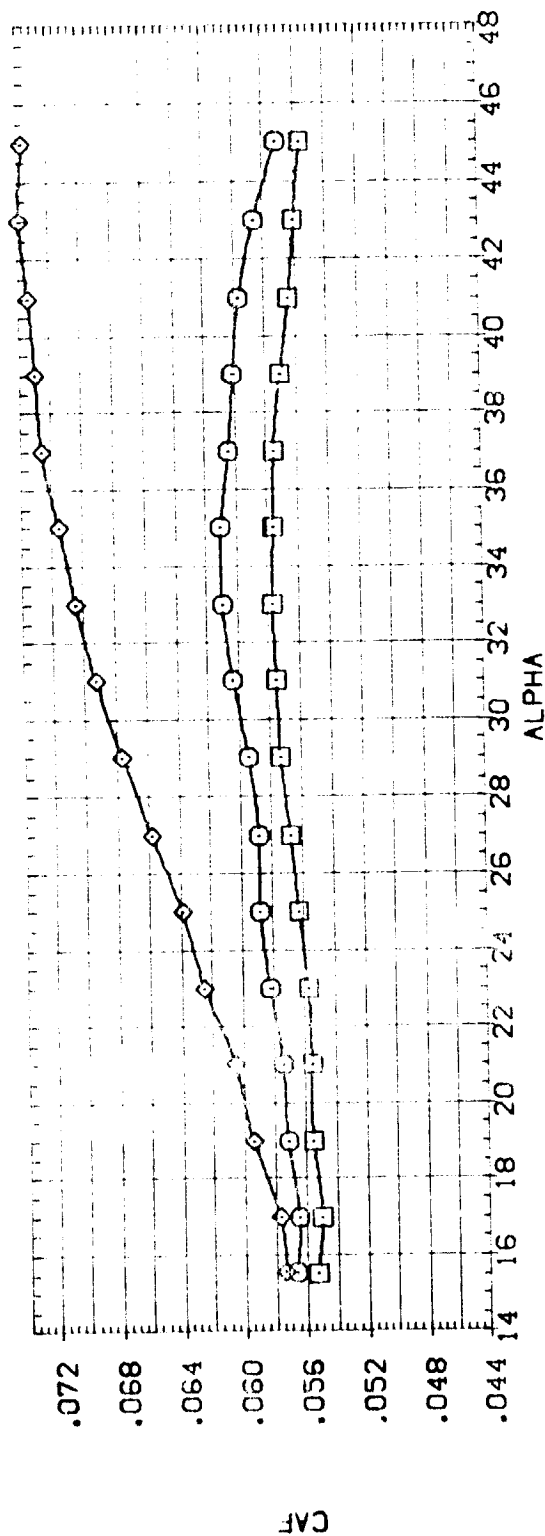


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		BOFLAP		ELEVTR		SPDBRK		RUDDER		REFERENCE INFORMATION	
{ATN011}	AEEDC	VA474(0A77/78)	(B26C9F7M7)(V116E26)(VBRS)	-11.700	.000	55.000	.000	.000	SREF	87.1560	SO. IN.		
{ATN031}	AEEDC	VA474(0A77/78)	(B26C9F7M7)(V116E26)(VBRS)	.000	.000	55.000	.000	.000	LREF	7.1220	INCHES		
{ATN047}	AEEDC	VA474(0A77/78)	(B26C9F7M7)(V116E26)(VBRS)	16.300	.000	55.000	.000	.000	BREF	14.0620	INCHES		
									XMRP	12.6250	INCHES		
									YMRP	.0000	INCHES		
									ZMRP	-3.3750	INCHES		
									SCALE	.0150			

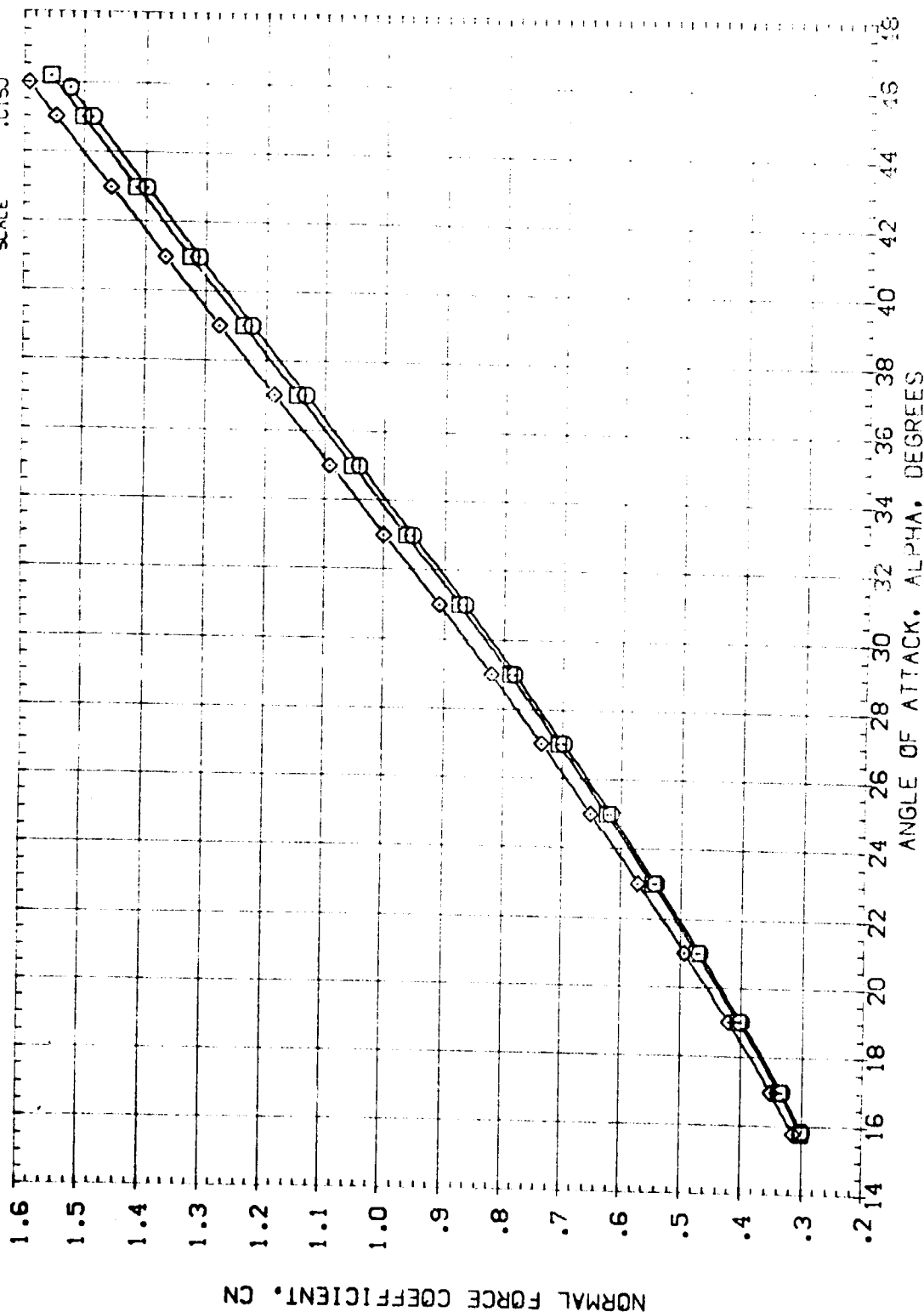


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 5.95

DATA SET SYMBOL: (ATN011) (ATN031) (ATN047)

CONFIGURATION DESCRIPTION:
 AEDC VA474(0A77/78) (S26C9-7M7) (V116E26)(VBR5)
 AEDC VA474(0A77/78) (S26C9-7M7) (V116E26)(VBR5)
 AEDC VA474(0A77/78) (S26C9-7M7) (V116E26)(VBR5)

BOFLAP: -11.700
 .000
 16.300

ELEVTR: .000
 .000
 .000

SPOBRK: 55.000
 55.000
 55.000

RUDDER: .000
 .000
 .000

REFERENCE INFORMATION:
 SREF: 87.1560 50.1 IN.
 LREF: 7.1220 1 INCHES
 BRLE: 14.0520 1 INCHES
 XMRP: 12.6250 1 INCHES
 YMRP: .0000 1 INCHES
 ZMRP: -.3750 1 INCHES
 SCALE: .0150

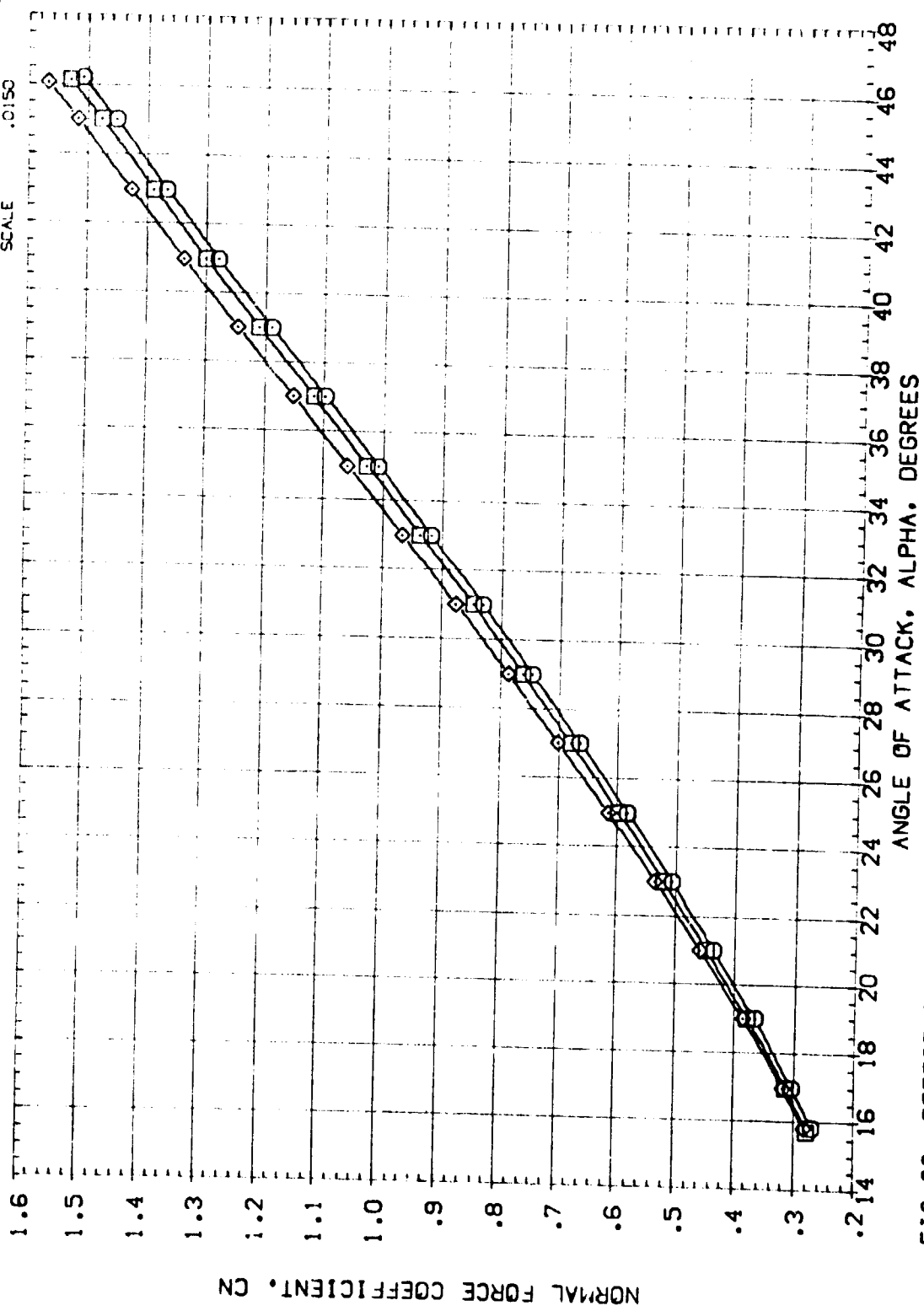


FIG 09 EFFECT OF BODY FLAP DEFLECTION
 (B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATN011) AEDC VA474(BA77/78) (B26C9F7M7)(W11SE26)(V8R5)
 (ATN031) AEDC VA474(BA77/78) (B26C9F7M7)(W11SE26)(V8R5)
 (ATN047) AEDC VA474(BA77/78) (B26C9F7M7)(W11SE26)(V8R5)

BDFLAP -11.700
 ELEVTR .000
 SPO3RK 55.000
 RUDDER .000

REFERENCE INFORMATION
 SREF 87.1560 52.1N.
 LREF 7.1220 NCIES
 BREF 14.0520 NCIES
 XMRP 12.6250 NCIES
 YMRP .0000 NCIES
 ZMRP -.3750 NCIES
 SCALE .0150

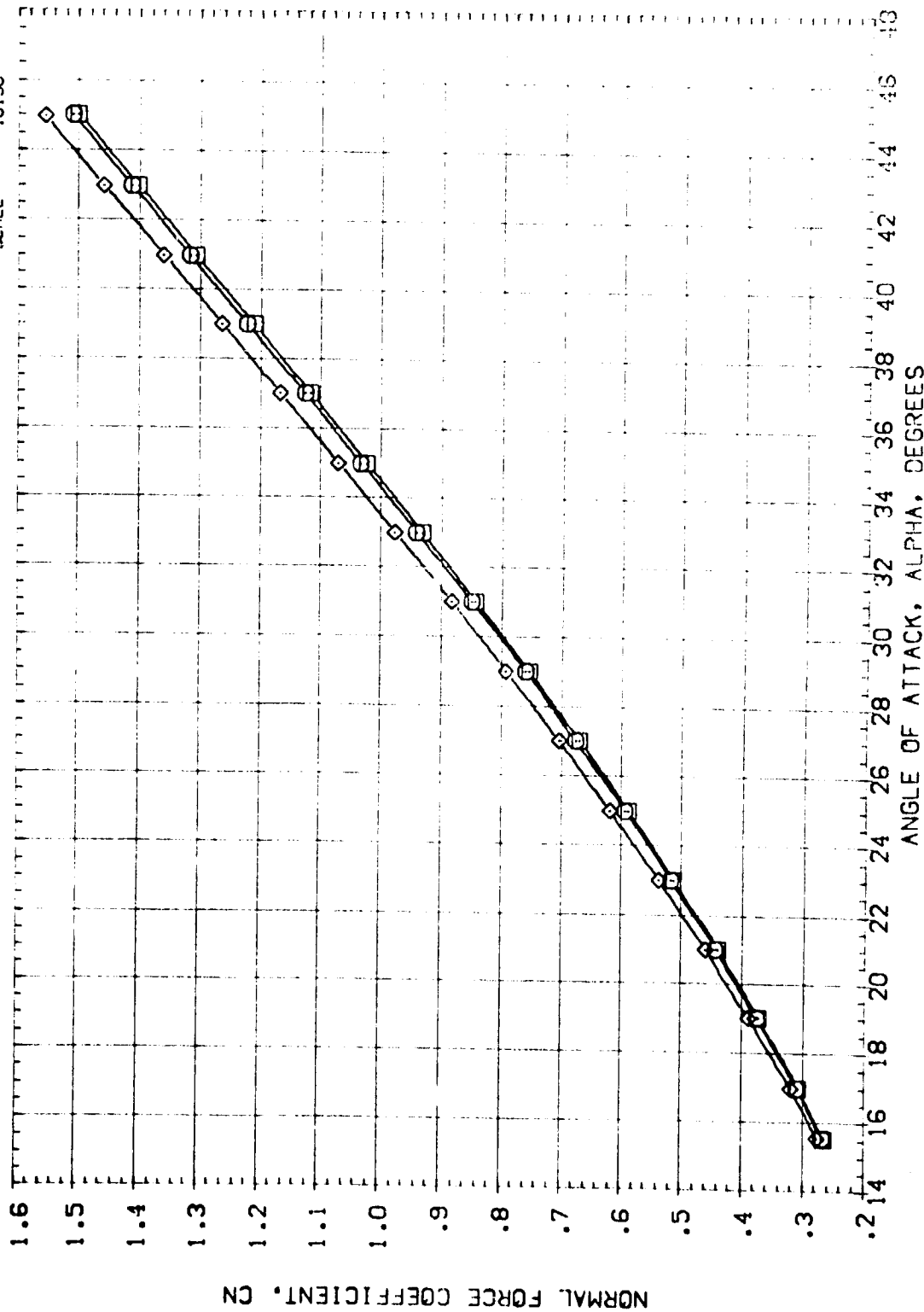


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOEFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
{ATNG11}	AEDC VA474 (QAT7/78) (B26C97M7) (V116E26) (VBRS)	-11.700	.000	55.000	.000	SREF 87.1560 50.1N.
{ATNG31}	AEDC VA474 (QAT7/78) (B26C97M7) (V116E26) (VBRS)	.000	.000	55.000	.000	LREF 7.1220 NC-HS
{ATNG47}	AEDC VA474 (QAT7/78) (B26C97M7) (V116E26) (VBRS)	16.300	.000	55.000	.000	BREF 14.0520 NC-HS
						XMRP 12.6250 NC-HS
						YMRP .0000 NC-HS
						ZMRP -.3750 NC-HS
						SCALE .0150

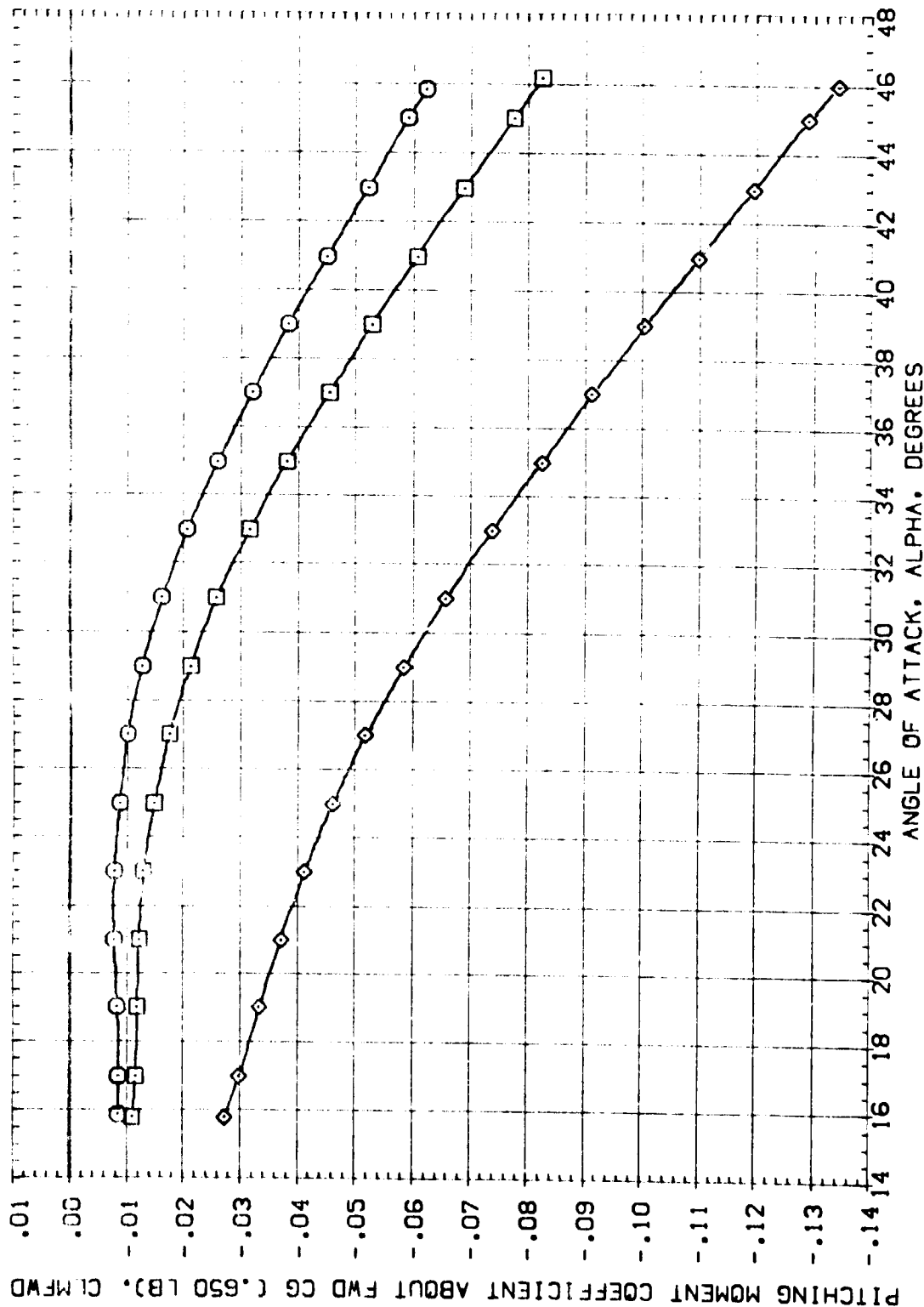


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOE LAR	ELEVTR	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(DAT7/78) (B26C97M7) (V116E26)(VBR5)	-11.700	.000	55.000	.000	SREF 87.1580
(ATN031)	AEDC VA474(DAT7/78) (B26C97M7) (V116E26)(VBR5)	.000	.000	55.000	.000	LREF 7.1220
(ATN047)	AEDC VA474(DAT7/78) (B26C97M7) (V116E26)(VBR5)	16.300	.000	55.000	.000	BREF 14.0520
						XMRP 12.6250
						YMRP .0000
						ZMRP -.3750
						SCALE 0.50

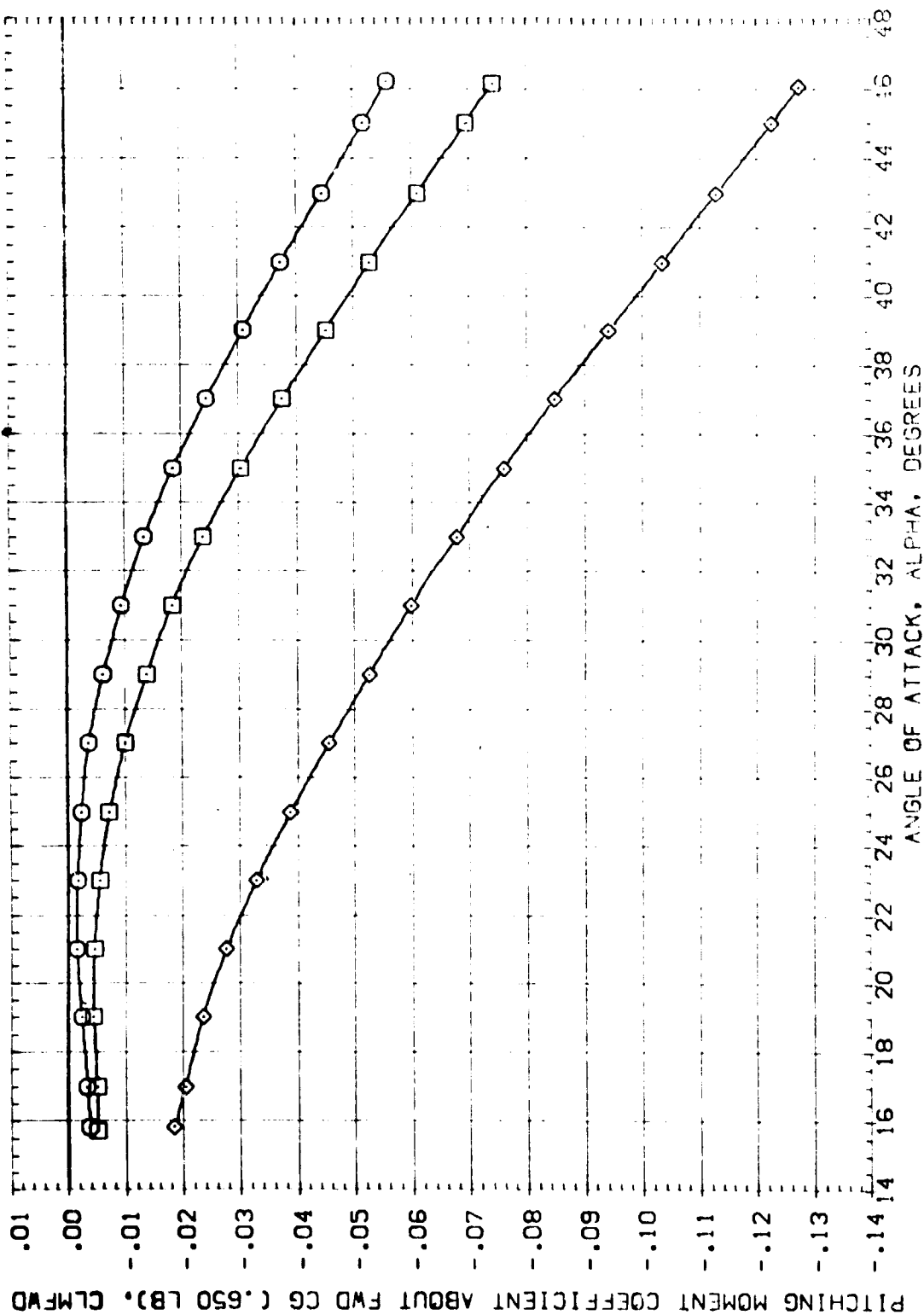


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MAC = 8.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	BOE LAP	ELEVTR	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(CA77/78) (B26C9747)(W116E26)(V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATN031)	AEDC VA474(CA77/78) (B26C9747)(W116E26)(V8R5)	.000	.000	55.000	.000	LREF 7.1220 NCLES
(ATN047)	AEDC VA474(CA77/78) (B26C9747)(W116E26)(V8R5)	16.300	.000	55.000	.000	BREF 14.0520 NCLES
						YMRP 2.6750 NCLES
						ZMRP -.3750 NCLES
						SCALE .0150

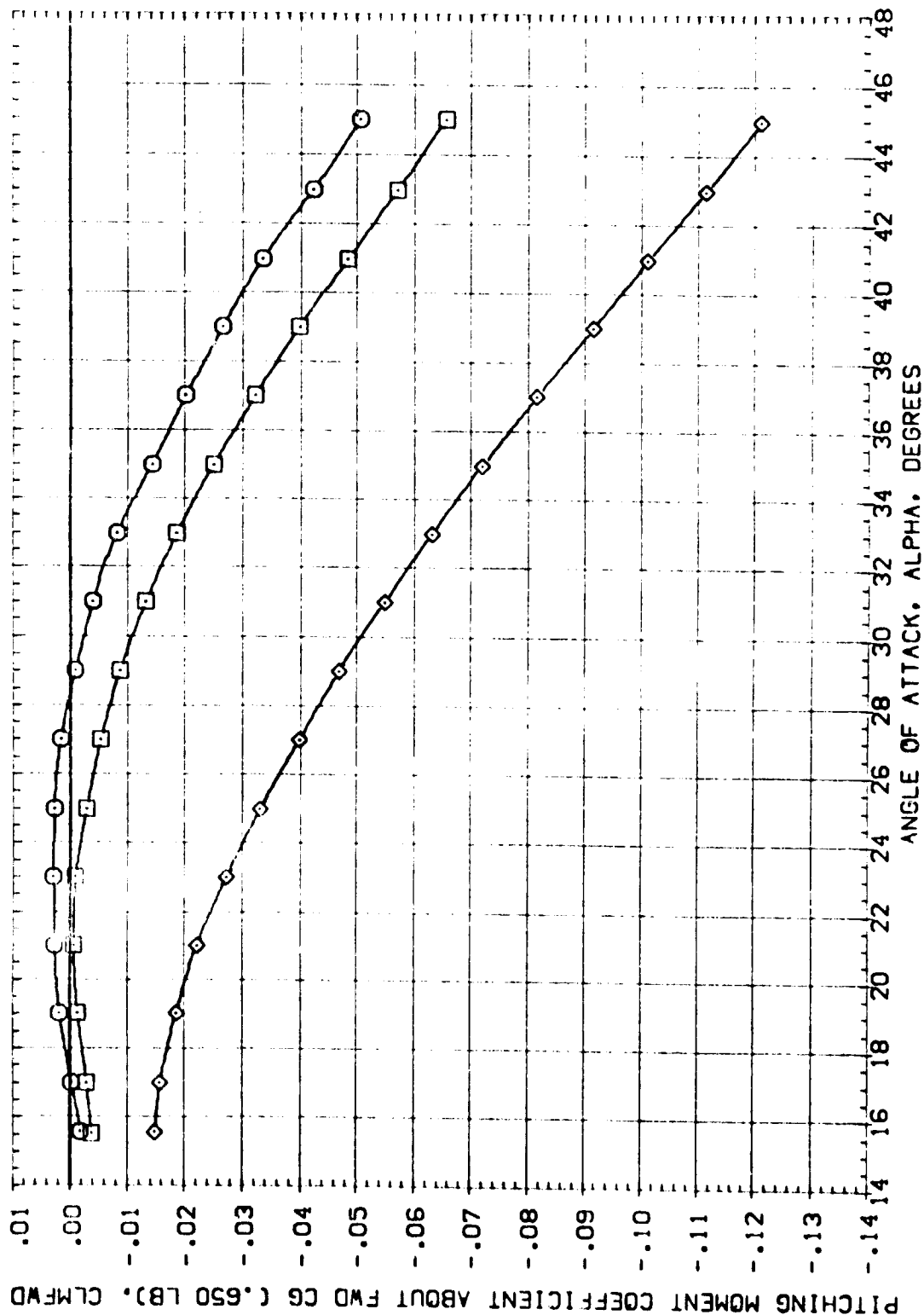


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BD FLAP	ELEVTR	SPDRF	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VA174 (DA77/78) (B26C97M7) (V116E26) (VBRS)	-11.700	.000	55.000	.000	SREF 87.1560
[ATN031]	AEDC VA174 (DA77/78) (B26C97M7) (V116E26) (VBRS)	.000	.000	55.000	.000	LREF 7.1220
[ATN047]	AEDC VA174 (DA77/78) (B26C97M7) (V116E26) (VBRS)	16.300	.000	55.000	.000	BREF 14.0520
						YMRP 12.6250
						ZMRP .0000
						SCALE .3750
						10.150

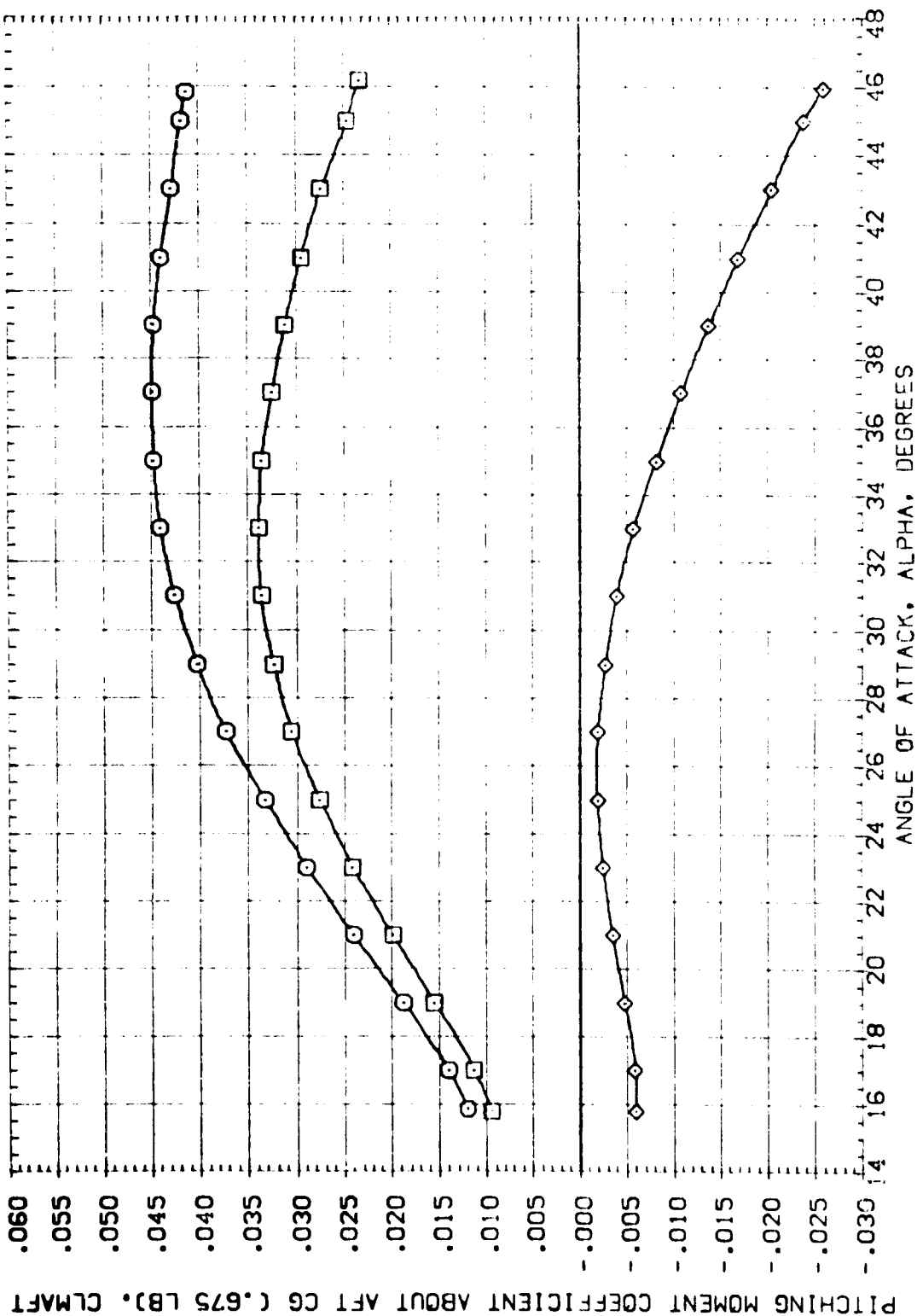


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATNG11)	AEDC VA474(CA77/78) (B26C97M7)(V116E26)(VBR5)	-11.700	.000	55.000	.000	SREF 87.1560 50.1 IN.
(ATNG31)	AEDC VA474(CA77/78) (B26C97M7)(V116E26)(VBR5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATNG47)	AEDC VA474(CA77/78) (B26C97M7)(V116E26)(VBR5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XREF 12.6250 INCHES
						YREF .0000 INCHES
						ZREF -13.750 INCHES
						SCALE 10.50

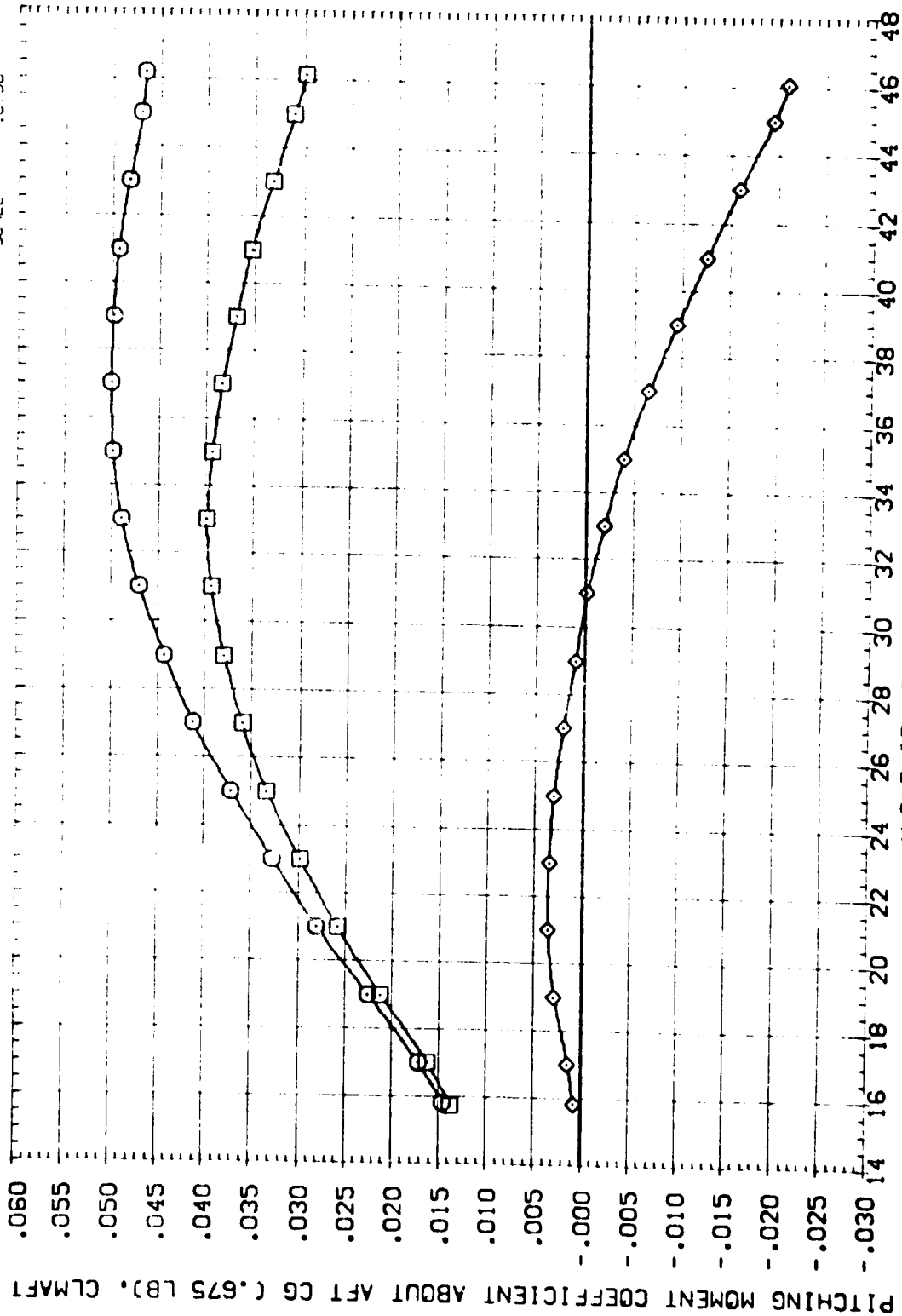


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATNG11)	AEDC VA474(0A77/78) (S26C9F7M7) (V11GE26) (VBR5)	-11.700	.000	55.000	.000	SREF 87.1560 50. IN
(ATNG31)	AEDC VA474(0A77/78) (S26C9F7M7) (V11GE26) (VBR5)	.000	.000	55.000	.000	LREF 7.1220 NCHESS
(ATNG47)	AEDC VA474(0A77/78) (S26C9F7M7) (V11GE26) (VBR5)	16.300	.000	55.000	.000	SREF 14.0520 NCHESS
						XMRP 12.6250 NCHESS
						YMRP .0000 NCHESS
						ZMRP -.3750 NCHESS
						SCALE .0150

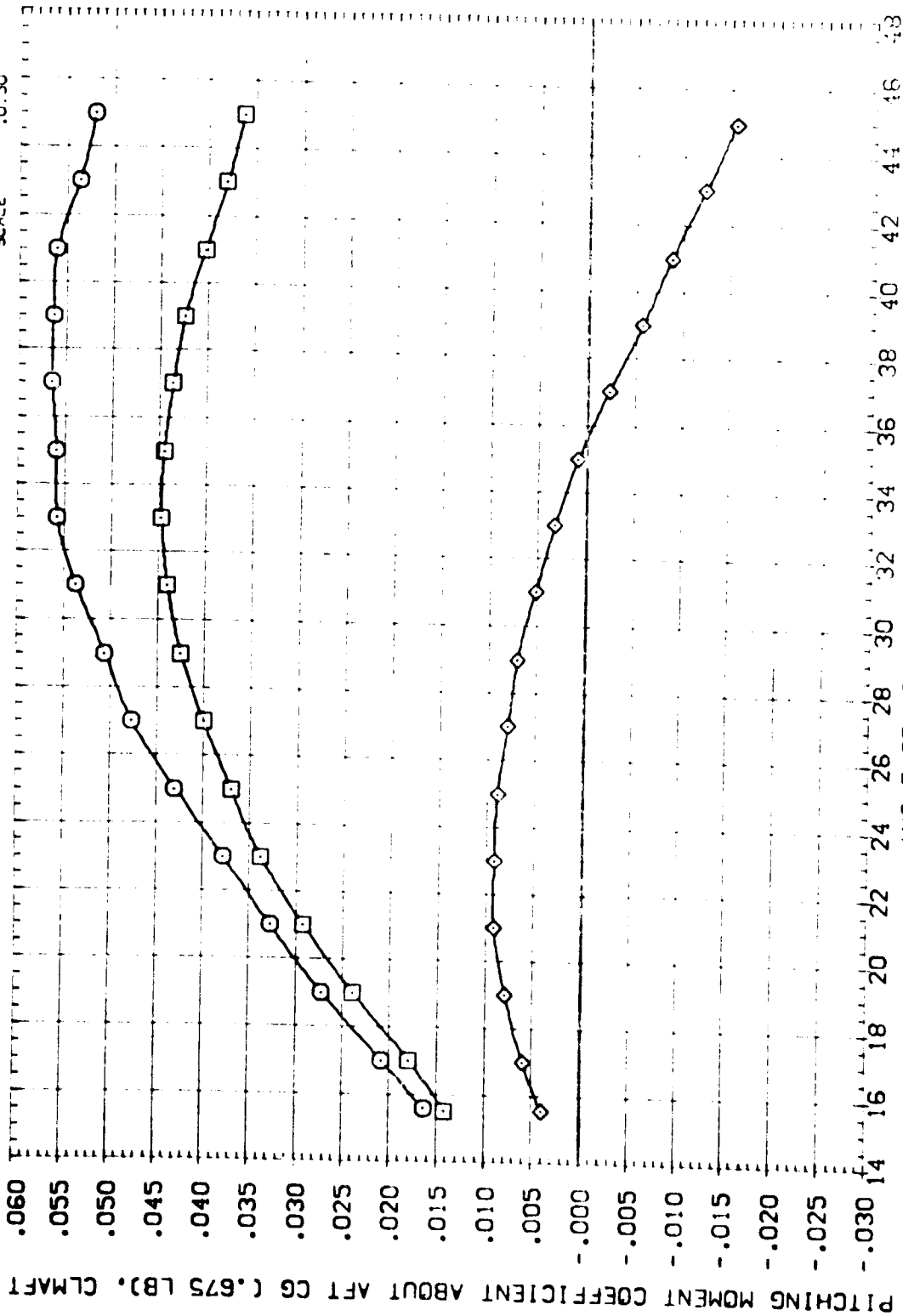


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE	INFORMATION
(ATNG1)	AEDC VA474(0477/78) (B26C5F7H7)(V1 BE26)(V8PS)	-11.700	.000	55.000	.000	SREF	87.1560
(ATNG3)	AEDC VA474(0477/78) (B26C5F7H7)(V1 BE26)(V8PS)	.000	.000	55.000	.000	LREF	.1220
(ATNG4)	AEDC VA474(0477/78) (B26C5F7H7)(V1 BE26)(V8PS)	16.300	.000	55.000	.000	SREF	5.0520
						YMRP	21.6250
						YMRP	.0000
						ZMRP	.3750
						SCALE	.0150

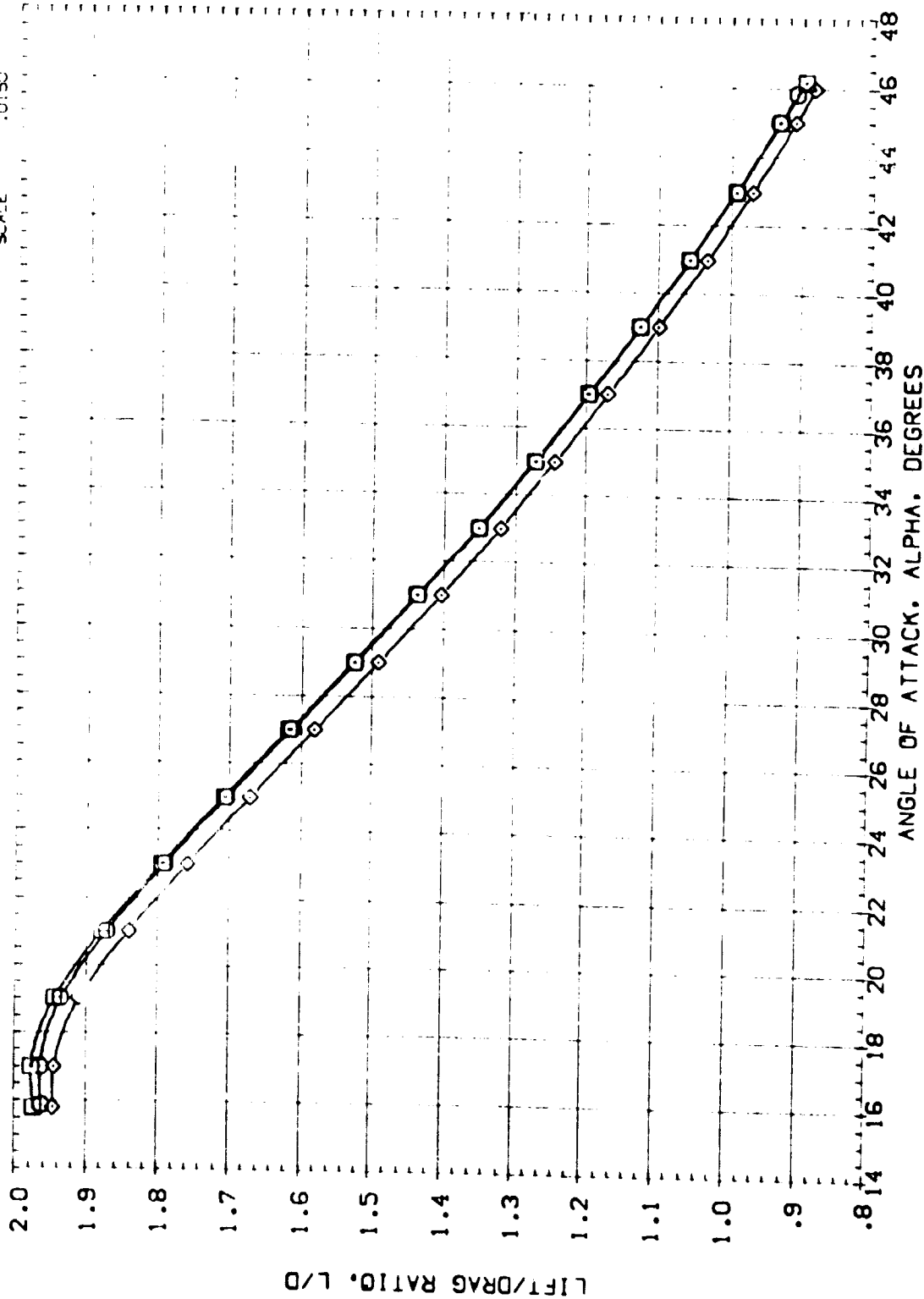


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATNG11)	AEDC VA474(QA77/78) (B76C97747) (V116E26) (VB95)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATNG31)	AEDC VA474(QA77/78) (B76C97747) (V116E26) (VB95)	.000	.000	55.000	.000	LREF 7.1220 LINES
(ATNG47)	AEDC VA474(QA77/78) (B76C97747) (V116E26) (VB95)	16.300	.000	55.000	.000	BREF 14.1520 LINES
						XMRP 12.1650 LINES
						ZMRP .0000 LINES
						SCALE 1.0130

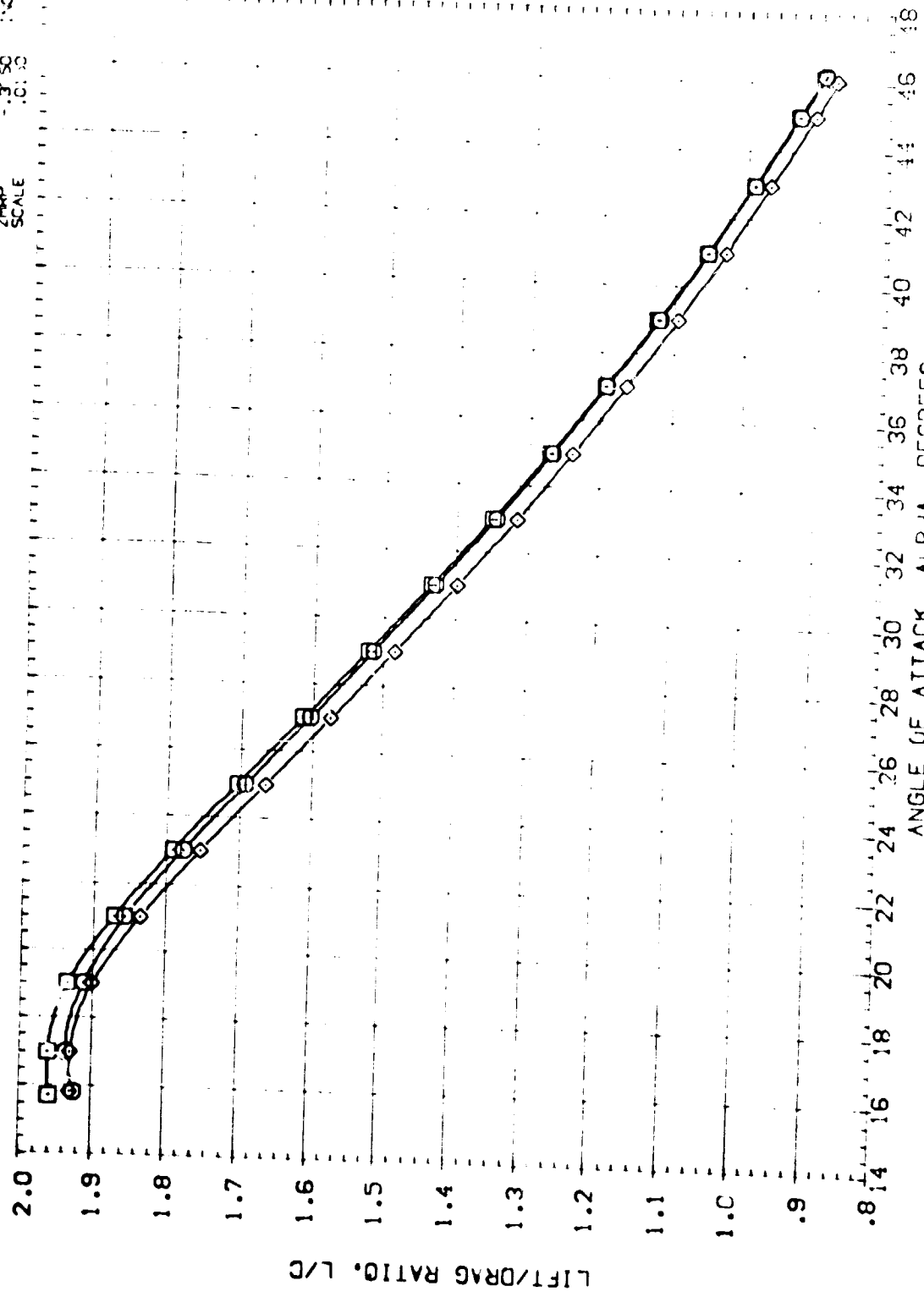


FIG 09 EFFECT OF BODY FLAP DEFLECTION
(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPODBRK	RUDDER	REFERENCE INFORMATION
[ATNG11]	AEDC VA474(CAT7/78) (B26C97M7) (V116E26) (VBR5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
[ATNG31]	AEDC VA474(CAT7/78) (B26C97M7) (V116E26) (VBR5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATNG47]	AEDC VA474(CAT7/78) (B26C97M7) (V116E26) (VBR5)	16.300	.000	55.000	.000	PREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -13750
						0.150

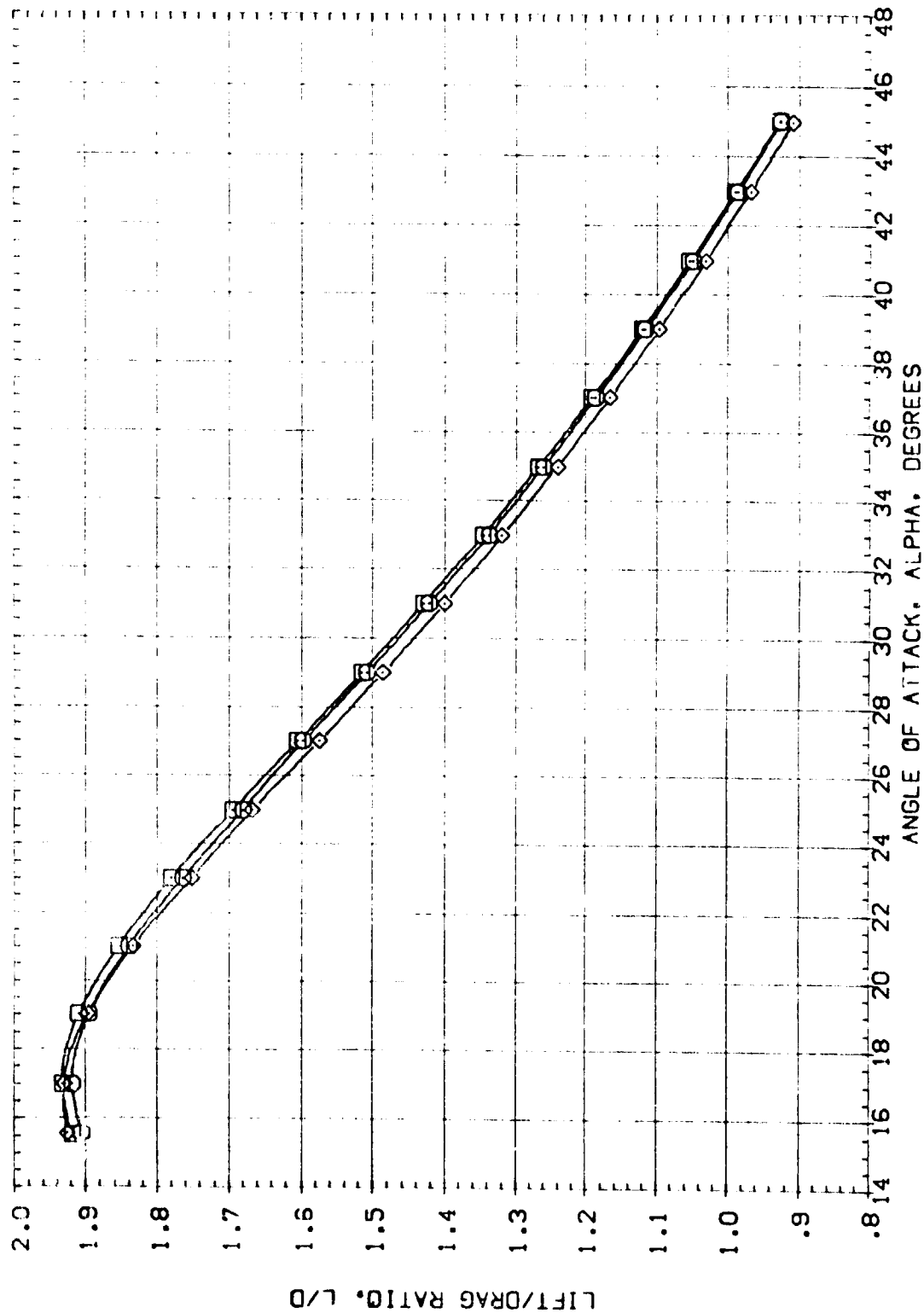


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26) (V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATN031)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN047)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26) (V8R5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XMPP 12.6250 INCHES
						YMPP .0000 INCHES
						ZMPP -.3750 INCHES
						SCALE .0150

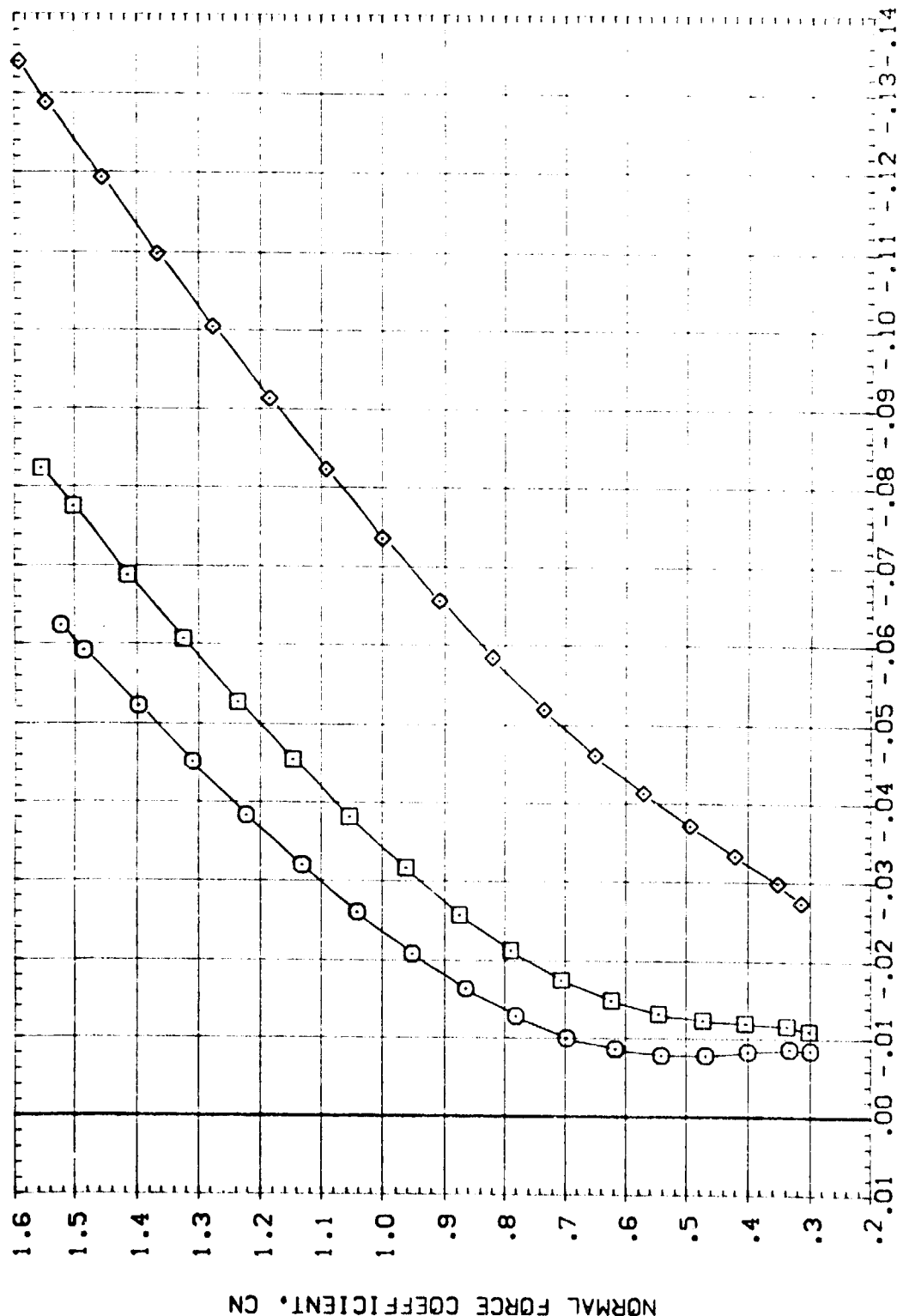


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
{ATN011}	AEDC: VA474(GA77/78) (B26C9F7M7) (V116E26) (VBRS)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
{ATN031}	AEDC: VA474(GA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	LREF 7.1220 INCHES
{ATN047}	AEDC: VA474(GA77/78) (B26C9F7M7) (V116E26) (VBRS)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

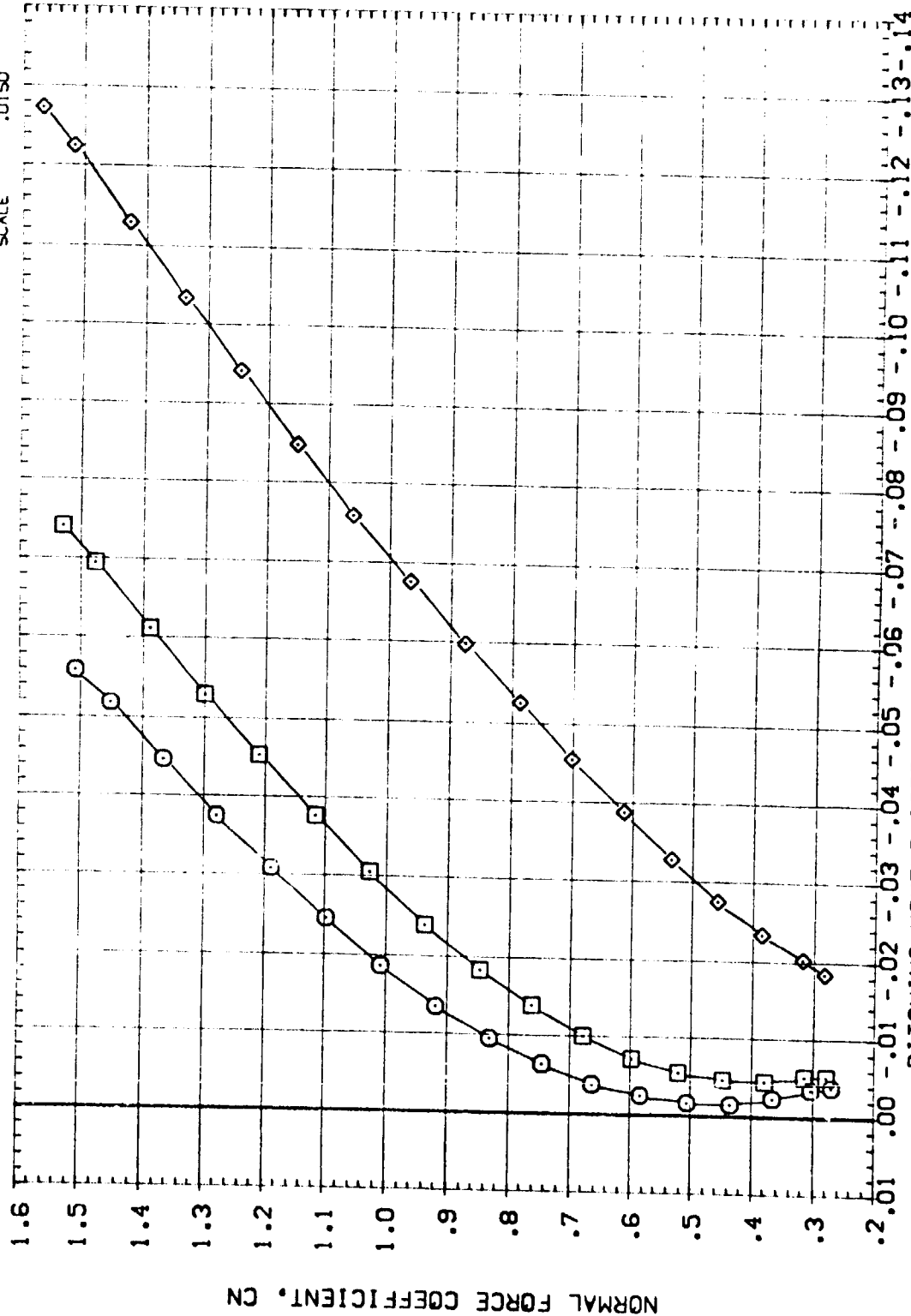


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYM	CONF	DESCRIPTION	BOE LAP	ELEVIR	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC	VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 53.1N.
(ATN031)	AEDC	VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 1NCHES
(ATN047)	AEDC	VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	16.300	.000	55.000	.000	BREF 14.0520 1NCHES
							XMRP 12.6250 1NCHES
							YMRP .0000 1NCHES
							ZMRP -.3750 1NCHES
							SCALE .0150

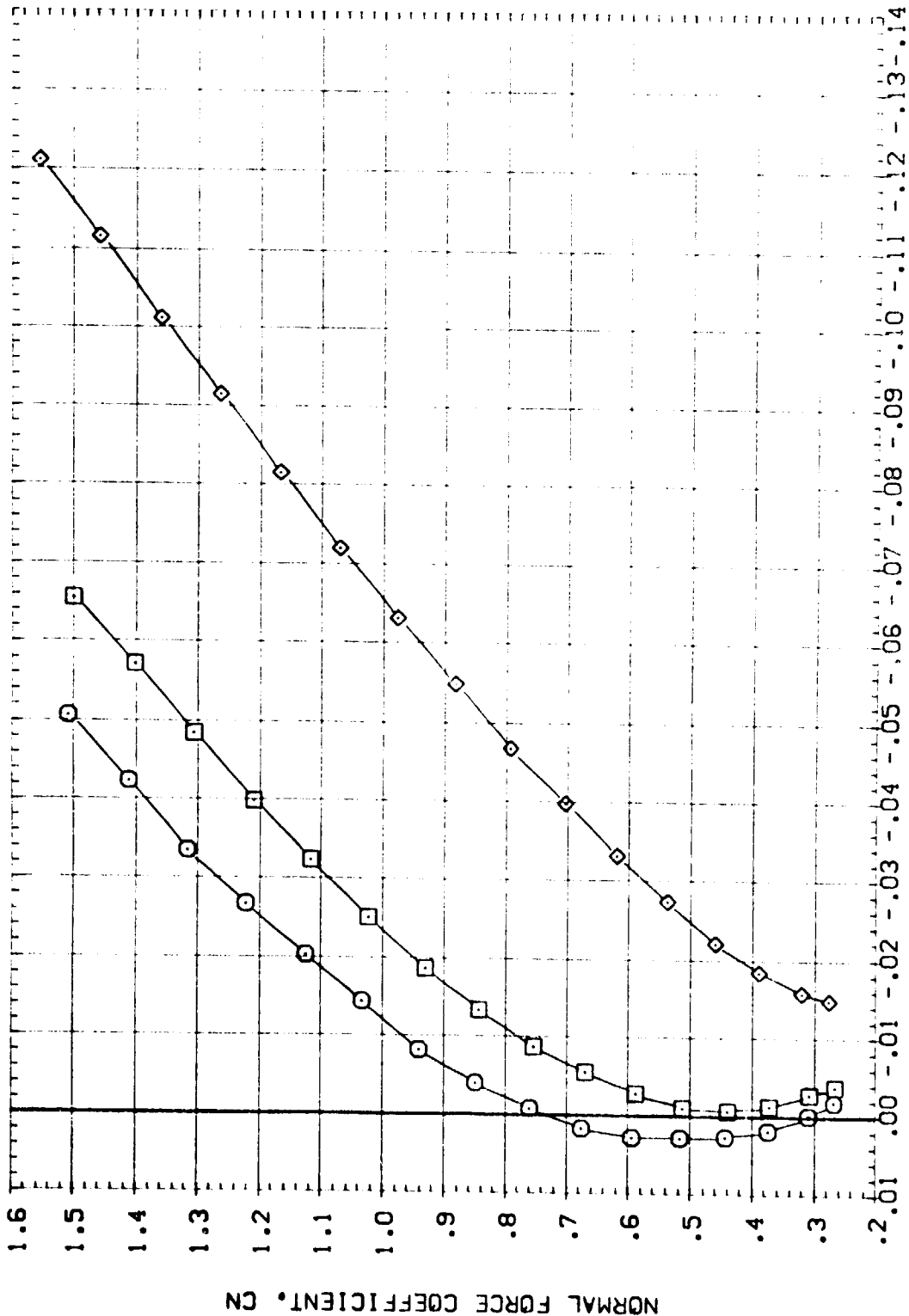


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = :0.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATNG11)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATNG31)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATNG17)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8R5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

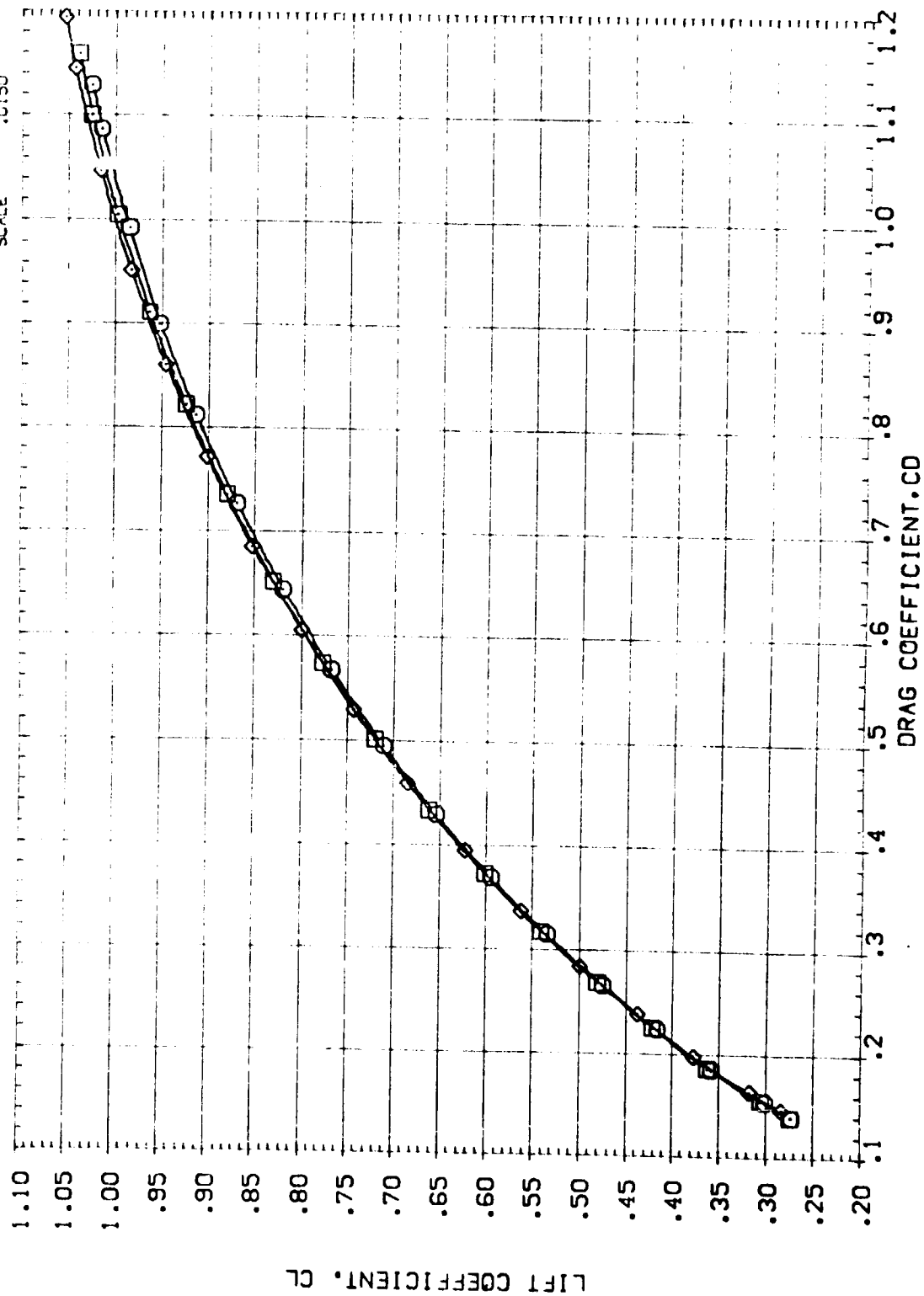


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOCLAP	ELEVTR	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(DA77/78) (B260SF7H7)(W116E26)(VBR5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
(ATN031)	AEDC VA474(DA77/78) (B260SF7H7)(W116E26)(VBR5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN047)	AEDC VA474(DA77/78) (B260SF7H7)(W116E26)(VBR5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES

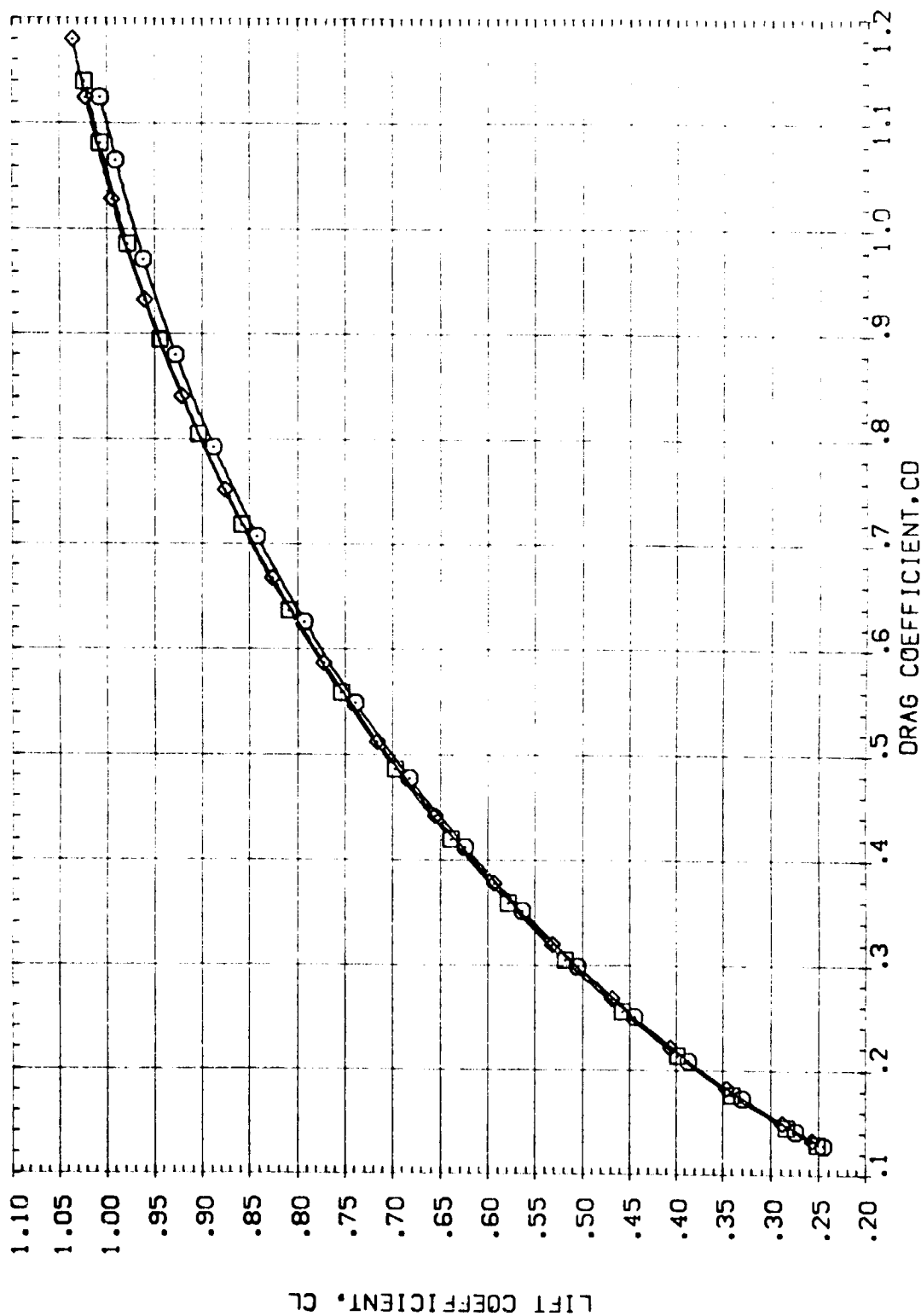


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN011)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	-11.700	.000	55.000	.000	SREF 87.1560 SO IN
(ATN031)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	.000	.000	55.000	.000	LREF 7.1220 NCBS
(ATN047)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	16.300	.000	55.000	.000	BREF 14.0520 NCBS
						XMRP 12.6250 NCBS
						YMRP .0000 NCBS
						ZMRP -.3750 NCBS
						SCALE .0150

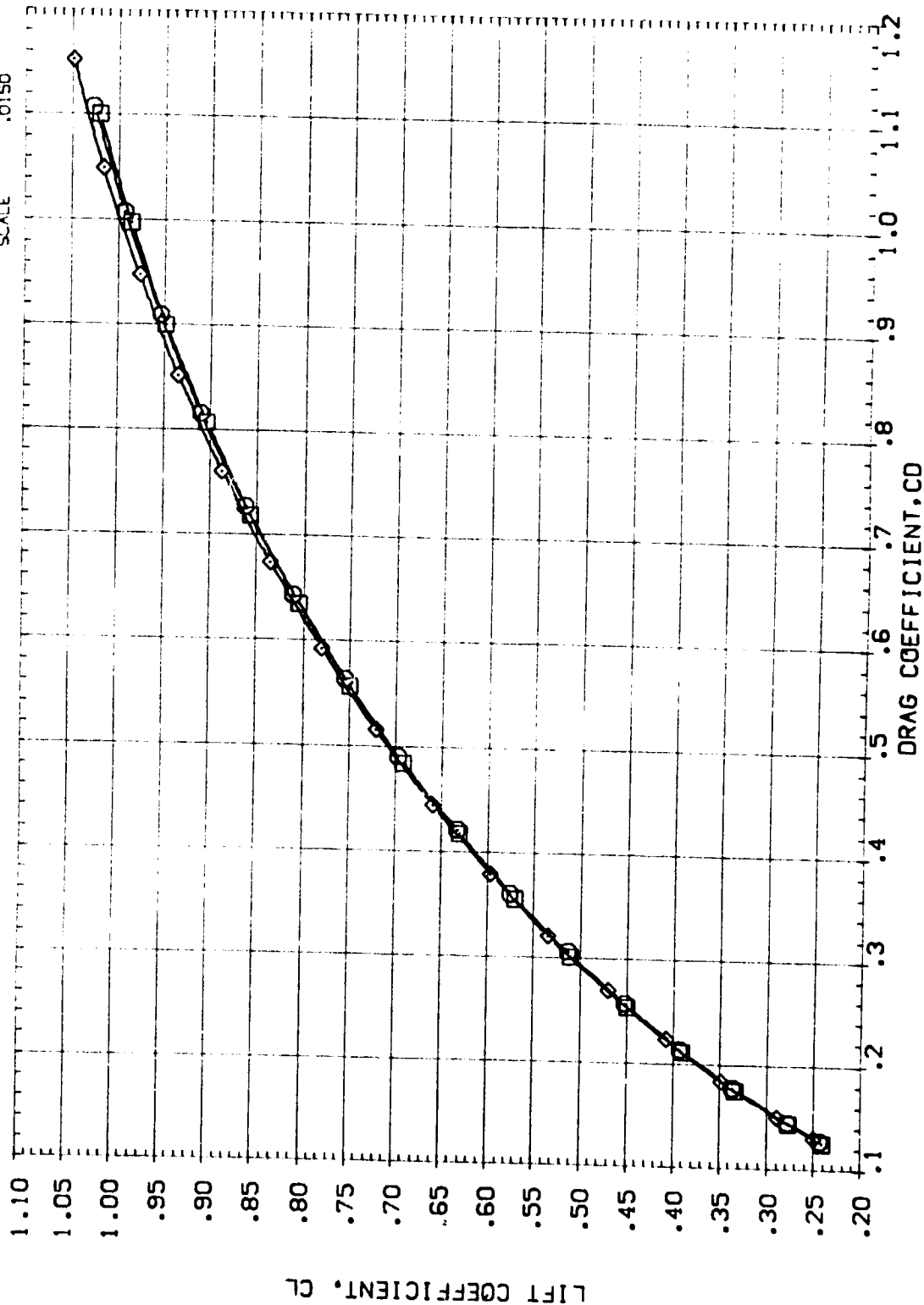


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BOFLAP	ELEVTR	SPDRBK	RUDDER	REFERENCE INFORMATION
[ATN011]	AEDC VAA74(OA77/78) (B26C9-7H7)(V116E26)(V8RS)	-11.700	.000	55.000	.000	SREF 87.1560 SO IN.
[ATN031]	AEDC VAA74(OA77/78) (B26C9-7H7)(V116E26)(V8RS)	.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATN047]	AEDC VAA74(OA77/78) (B26C9-7H7)(V116E26)(V8RS)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

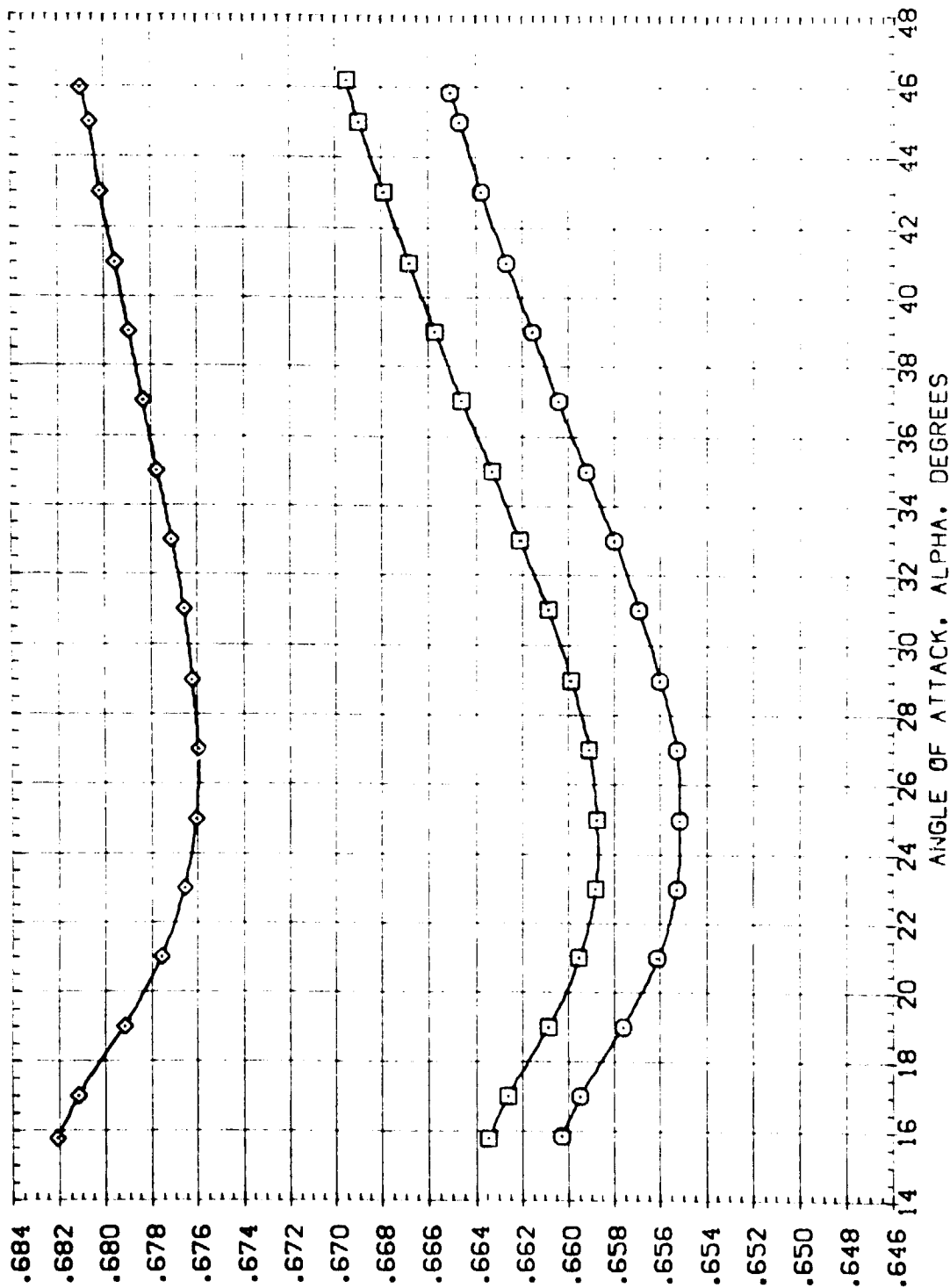


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 5.95

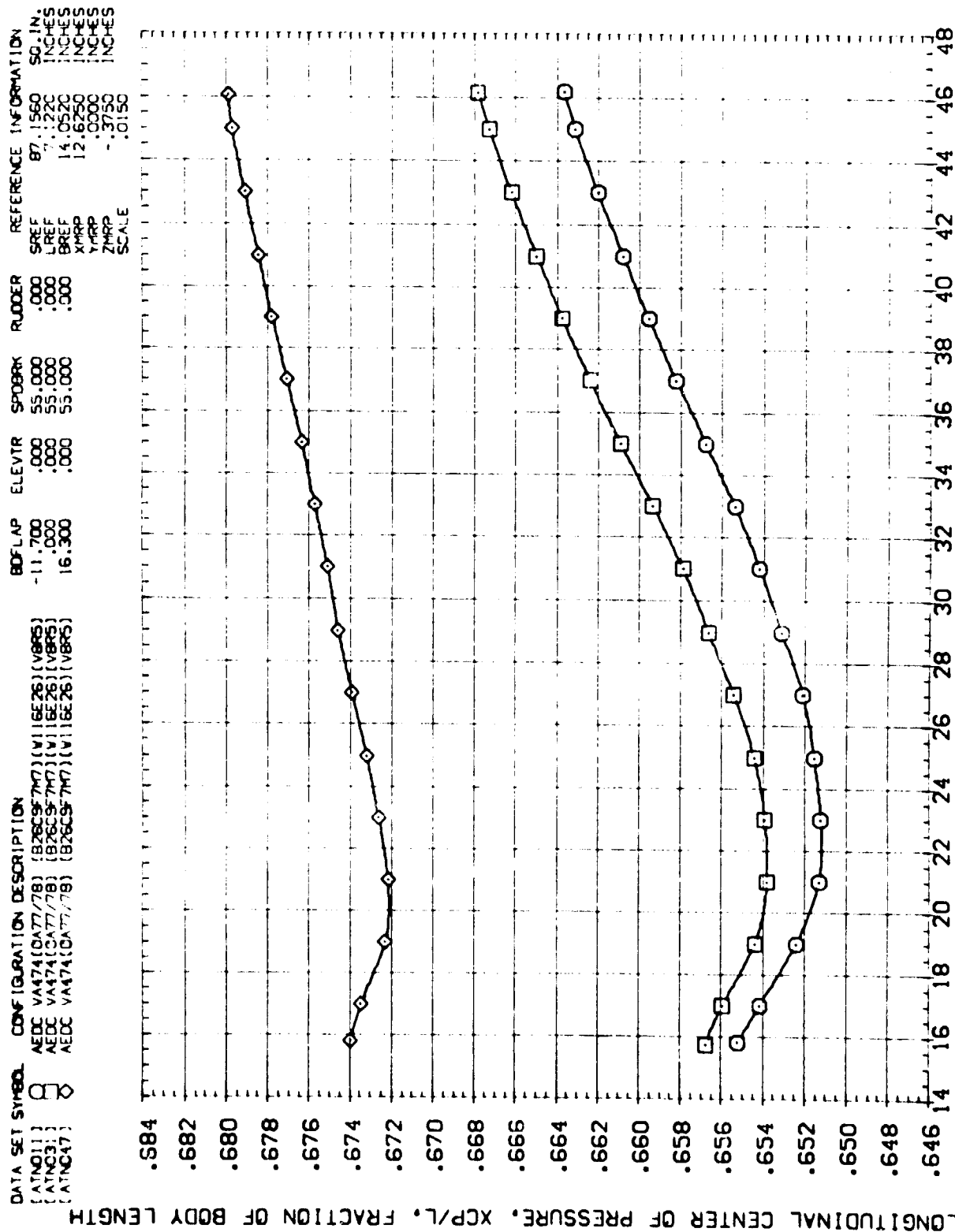


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION BOFLAP ELEVTR SPOBRK RUDDER REFERENCE INFORMATION

Symbol	Configuration Description	BOFLAP	ELEVTR	SPOBRK	RUDDER	SPREF	LRREF	BRREF	XMRP	ZMRP	SCALE
(ATN011)	AEDC VA474(0A77/78) (B26C977M7)(V116E26)(VBR5)	-11.700	.000	55.000	.000	87.1560	7.1220	14.0520	.0000	-.3750	.0150
(ATN031)	AEDC VA474(0A77/78) (B26C977M7)(V116E26)(VBR5)	.000	.000	55.000	.000						
(ATN047)	AEDC VA474(0A77/78) (B26C977M7)(V116E26)(VBR5)	16.300	.000	55.000	.000						

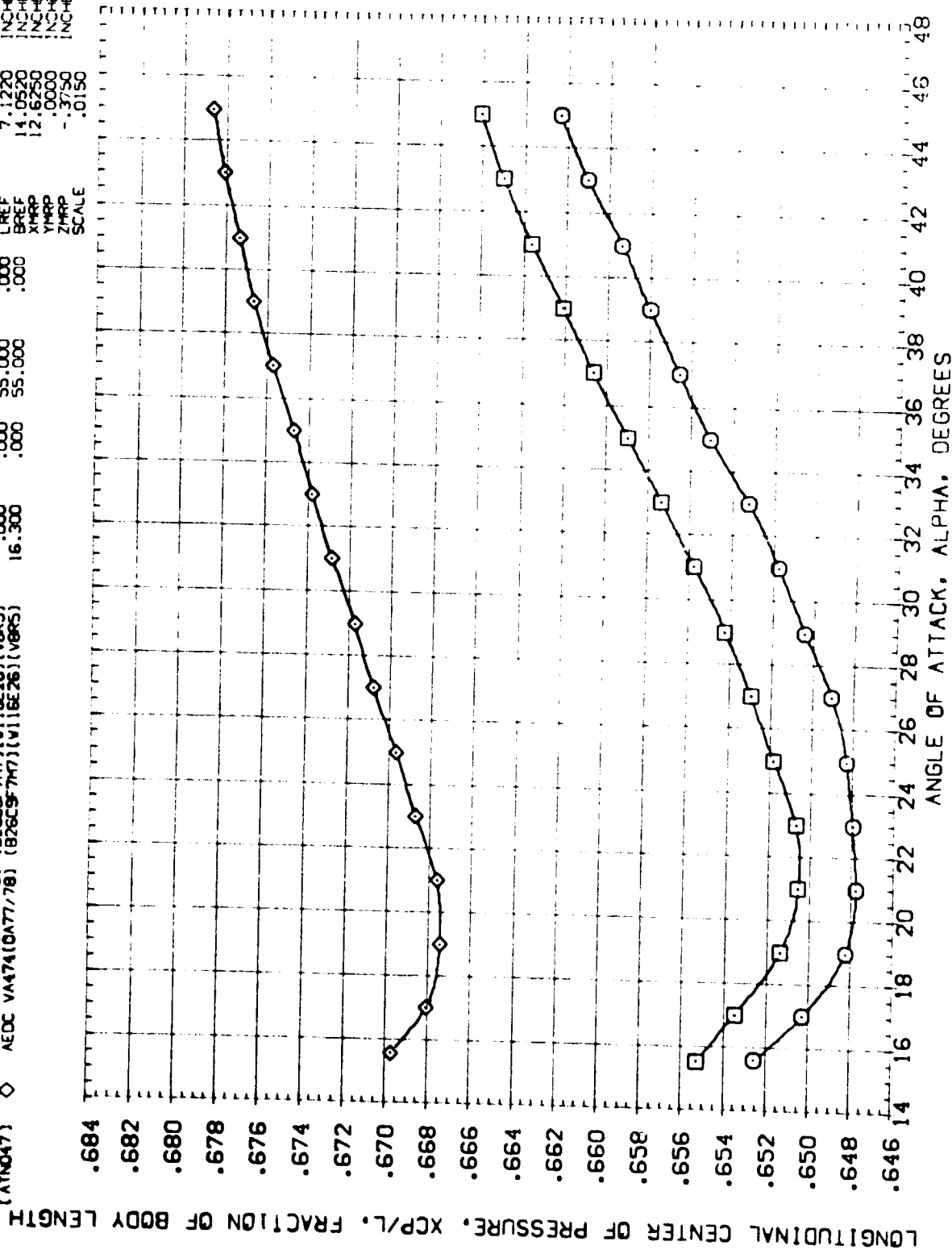


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPDBRK	RUDDER	REFERENCE INFORMATION
(G'NO11)	AEDC VA474(QA77/78) (B26C97M7) (V116E26) (VB85)	-11.700	.000	55.000	.000	SREF 87.1560
(G'NO31)	AEDC VA474(QA77/78) (B26C97M7) (V116E26) (VB85)	.000	.000	55.000	.000	LREF 7.1270
(G'NO47)	AEDC VA474(QA77/78) (B26C97M7) (V116E26) (VB85)	16.300	.000	55.000	.000	BREF 14.0520
						XMRP 12.6250
						ZMRP .0000
						ZMRP -.3750
						SCALE .0150

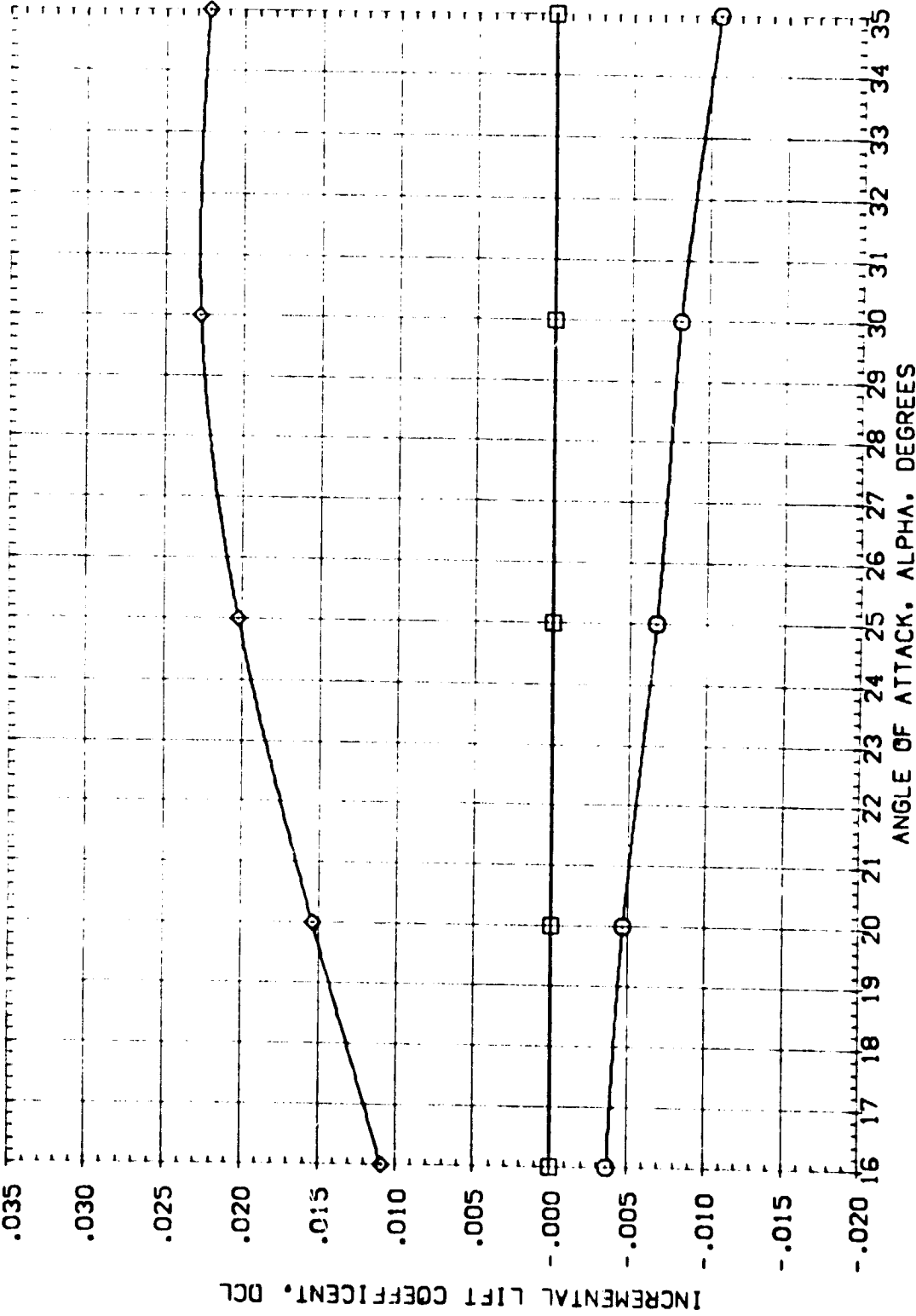


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DL FLAP	ELEVTR	SPDBRK	RUDDER	REFERENCE INFORMATION
(GTN011)	AEDE VA474(0A77/78) (B26C9-7M7) (V116E26) (V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 INCHES
(GTN031)	AEDE VA474(0A77/78) (B26C9-7M7) (V116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(GTN047)	AEDE VA474(0A77/78) (B26C9-7M7) (V116E26) (V8R5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

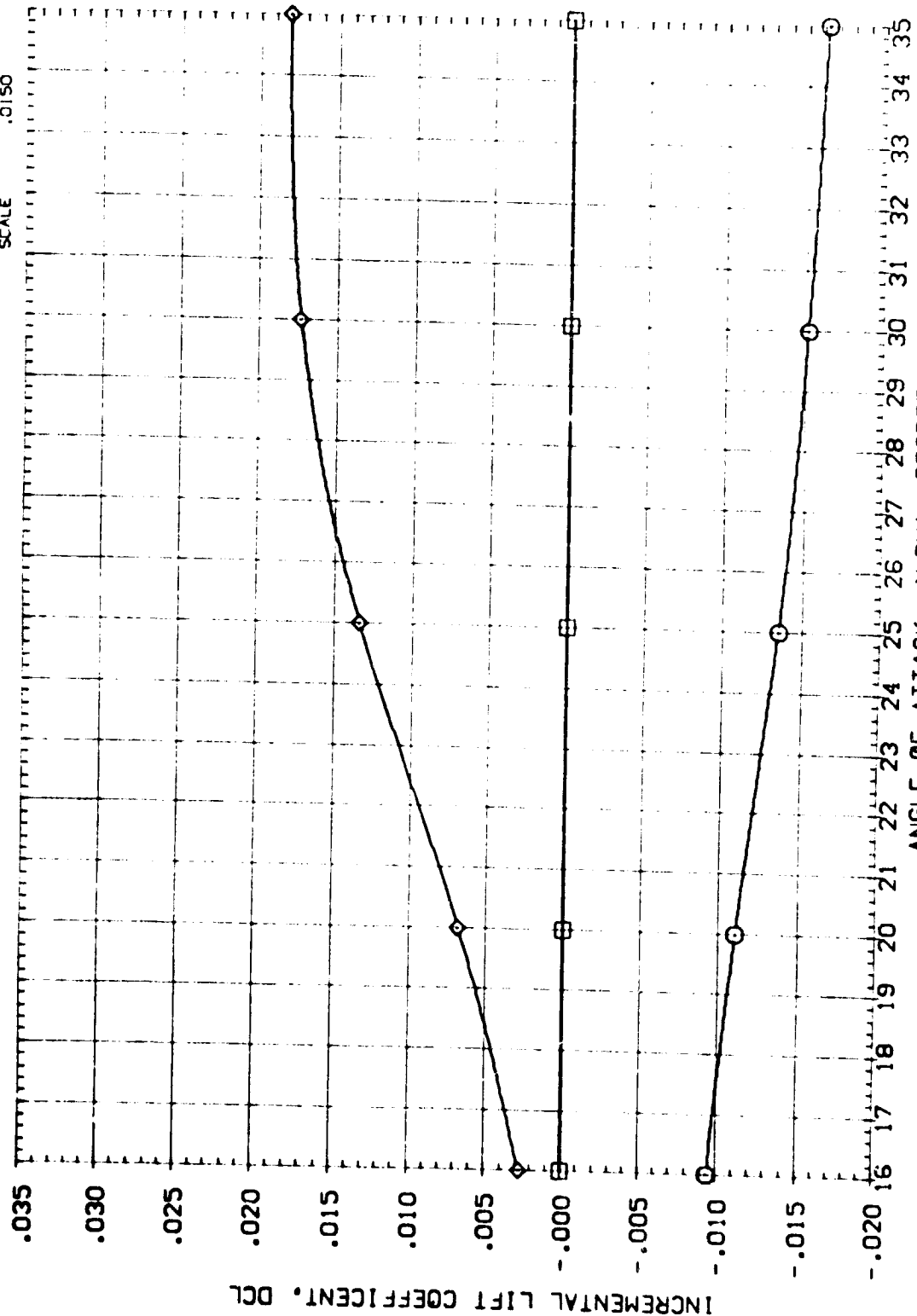


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPOON	RUDER	REFERENCE INFORMATION
(G1N01)	□	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	-11.700	.000	55.000	.000	SREF 87.1560 50. IN.
(G1N03)	○	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(G1N047)	◇	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
							YMRP 12.6250 INCHES
							ZMRP .0000 INCHES
							SCALE -.3750 .0150

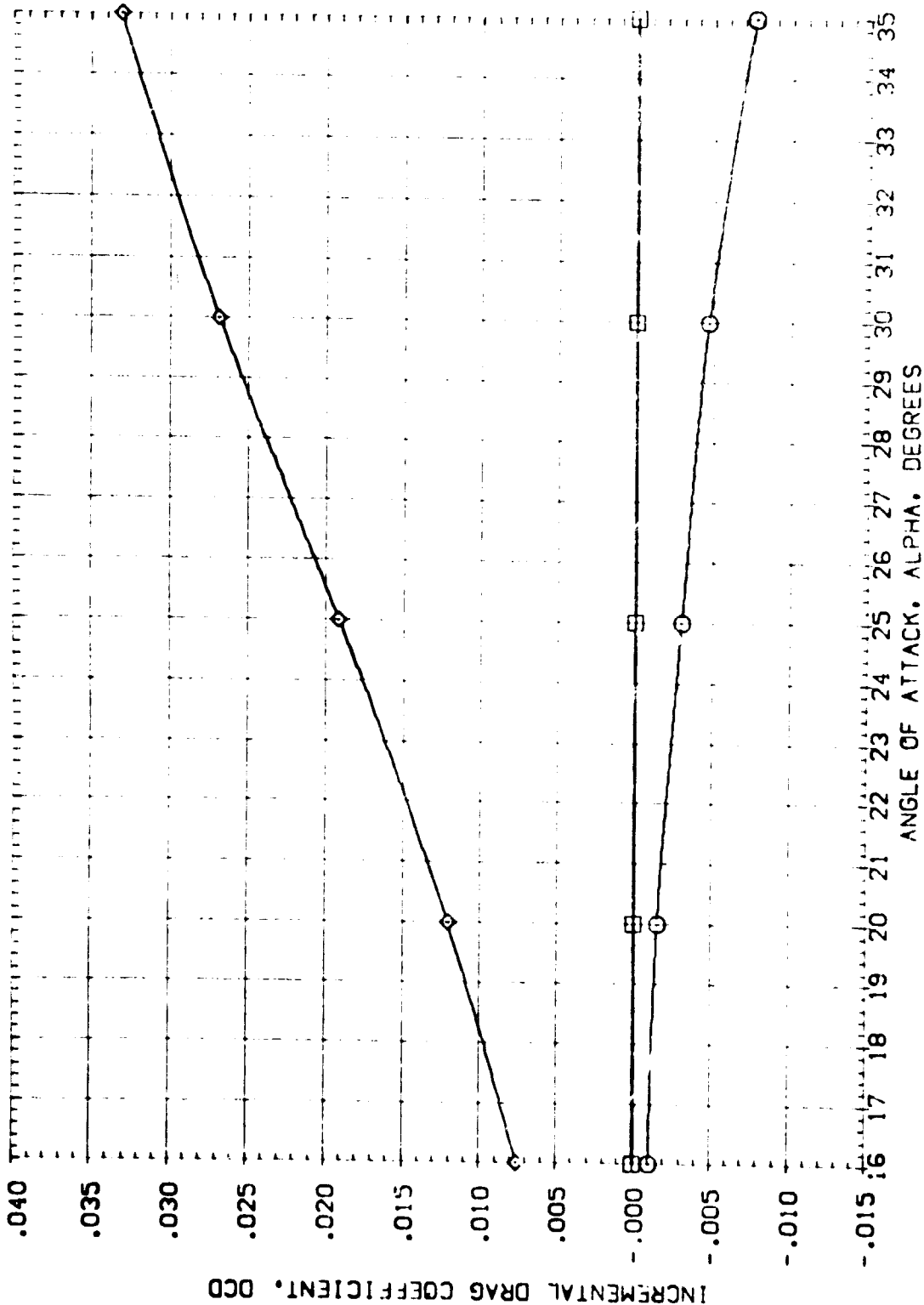


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPDRBK	RUDDER	REFERENCE INFORMATION
(GTN011)	AEDC VA474(0A77/78) (826C9F7M7)(V116E26)(V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 50. IN.
(GTN031)	AEDC VA474(0A77/78) (826C9F7M7)(V116E26)(V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(GTN047)	AEDC VA474(0A77/78) (826C9F7M7)(V116E26)(V8R5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XMPP 12.6250 INCHES
						YMPP .0000 INCHES
						ZMPP -.3750 INCHES
						SCALE .0150

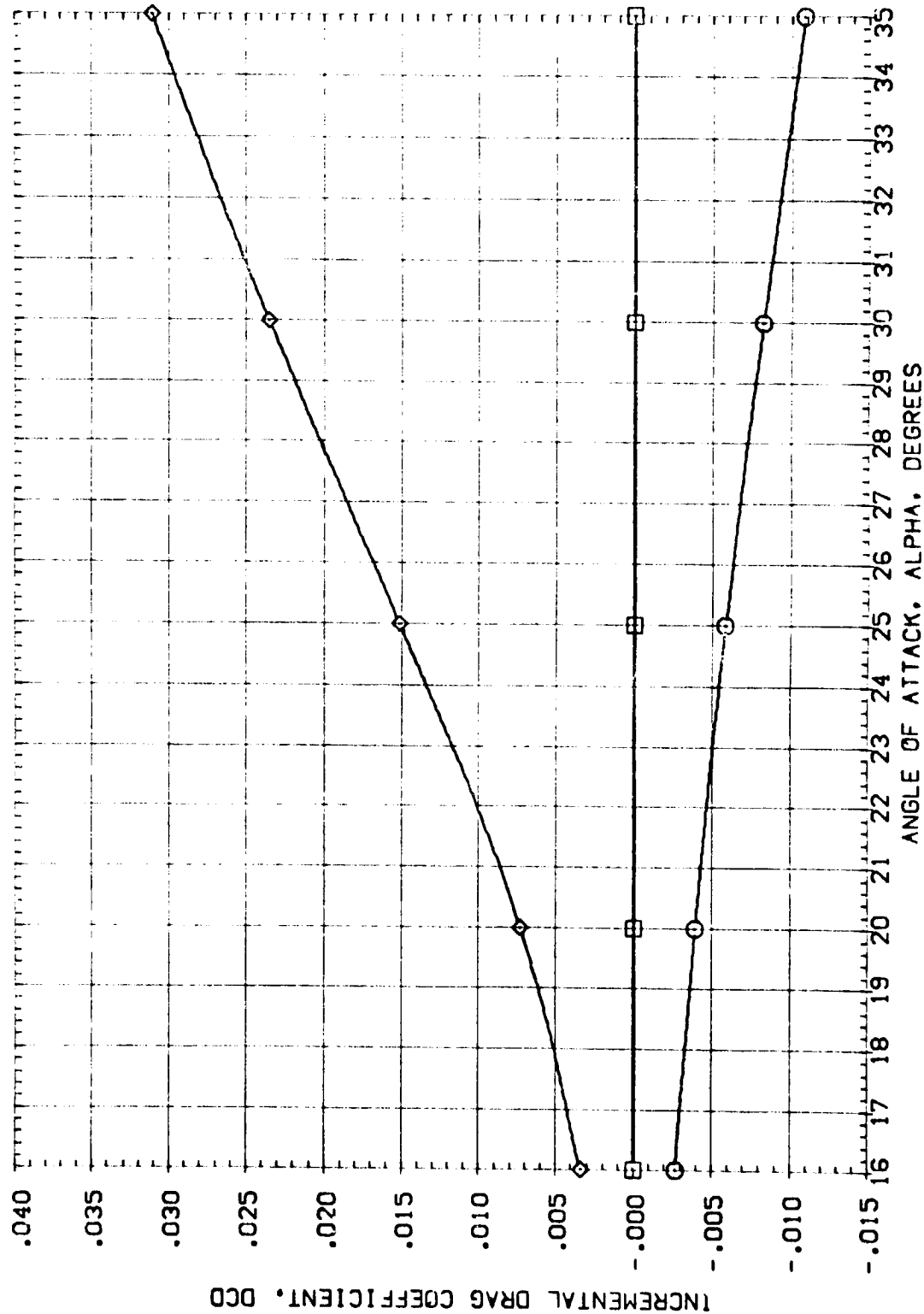


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPDBRK	RUDDER	REFERENCE INFORMATION	
(GTNO11)	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(VBR5)	-11.700	.000	55.000	.000	SREF	87.1560
(GTNO31)	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(VBR5)	.000	.000	55.000	.000	LREF	7.1220
(GTNO47)	AEDC VA474(OA77/78) (B26C97M7)(V116E26)(VBR5)	16.300	.000	55.000	.000	BREF	14.0520
						XMRP	12.6250
						YMRP	.0000
						ZMRP	-.3750
						SCALE	10.50

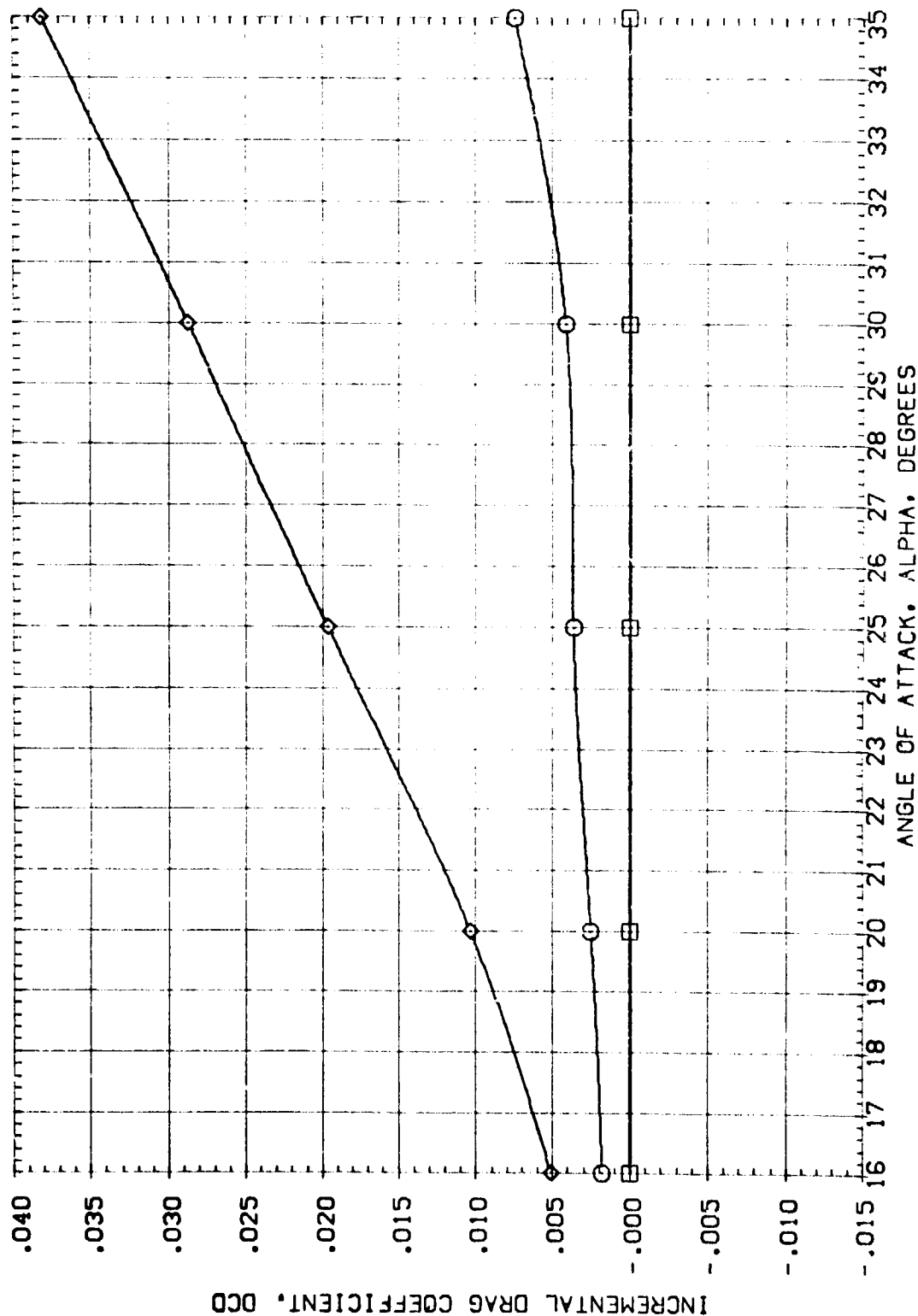


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPOBRK	RUDGER	REFERENCE INFORMATION
(GIN011)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
(GIN031)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(GIN047)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

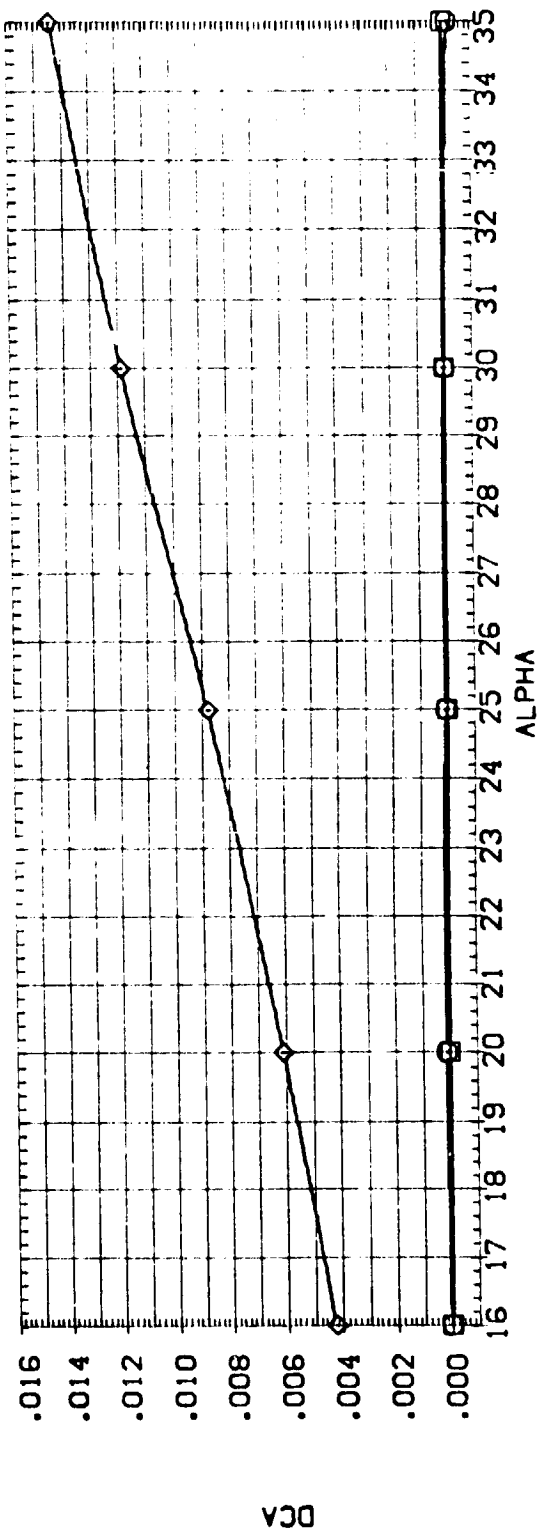
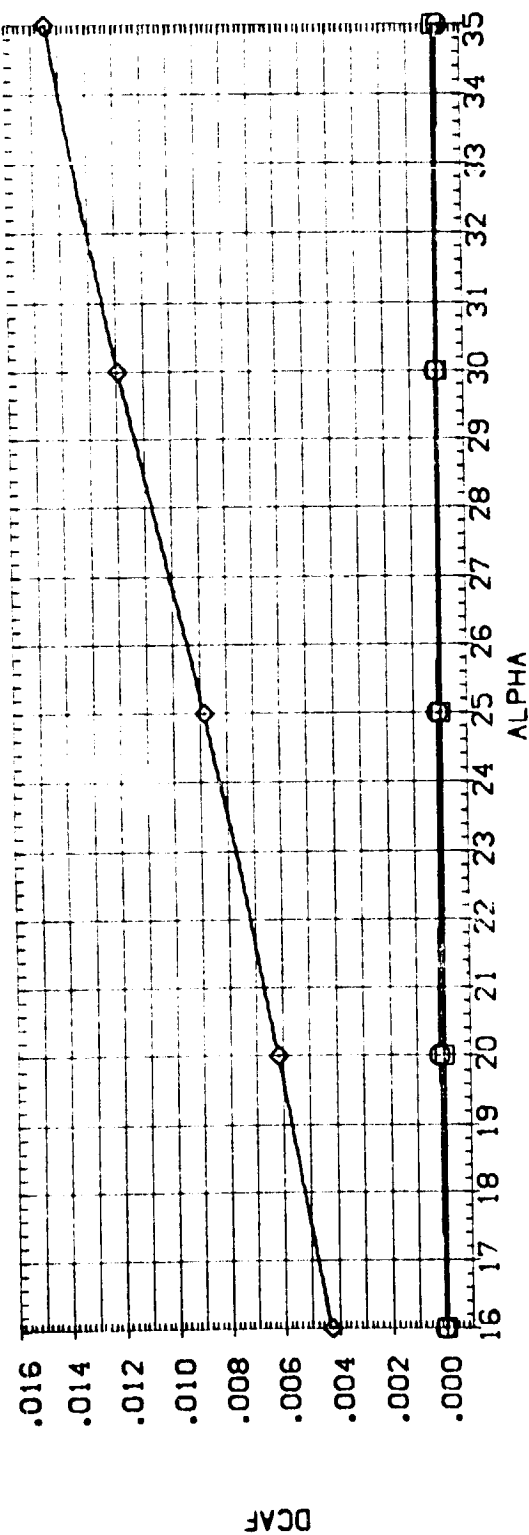


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 6.00

DATA SET SYMBOL

(G'NO11)
(G'NO31)
(G'NO47)

CONFIGURATION DESCRIPTION
AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)
AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)
AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)

DLFLAP ELEVTR SPDGRK RUDDER
-11.700 .000 55.000 .000
.000 .000 55.000 .000
16.300 .000 55.000 .000

REFERENCE INFORMATION
SREF 87.1560 50. IN.
LREF 7.1220 INCHES
BREF 14.0520 INCHES
XMRP 12.6250 INCHES
YMRP .0000 INCHES
ZMRP -.3750 INCHES
SCALE .0150

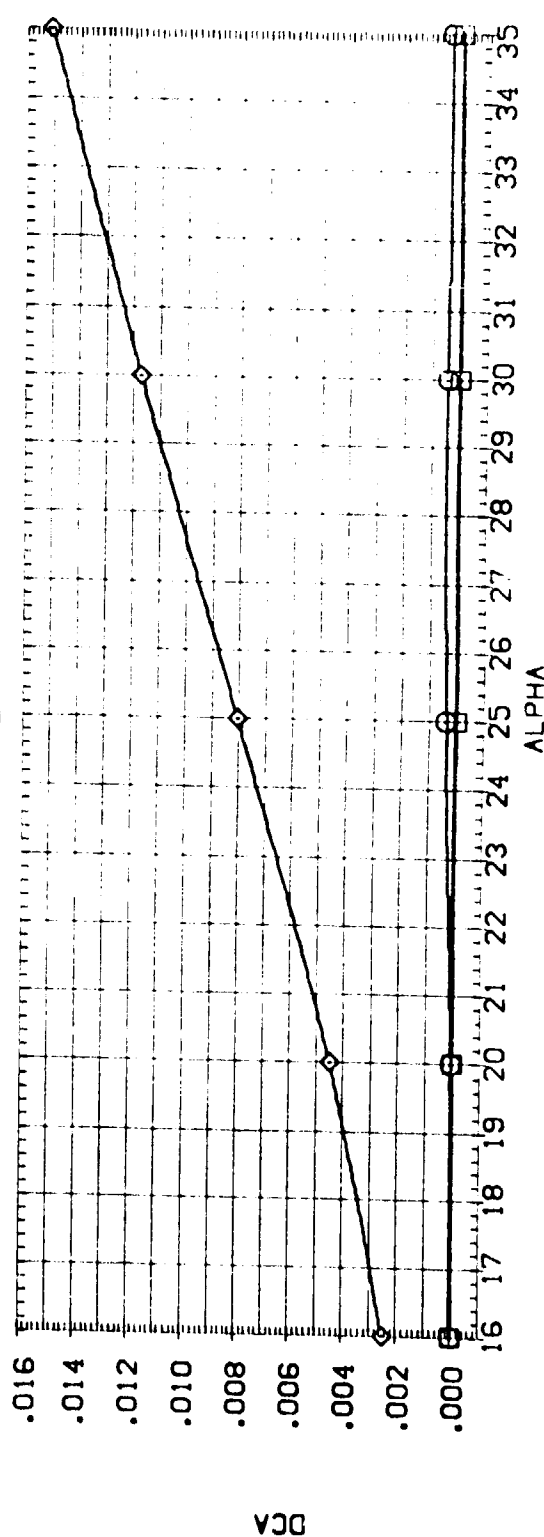
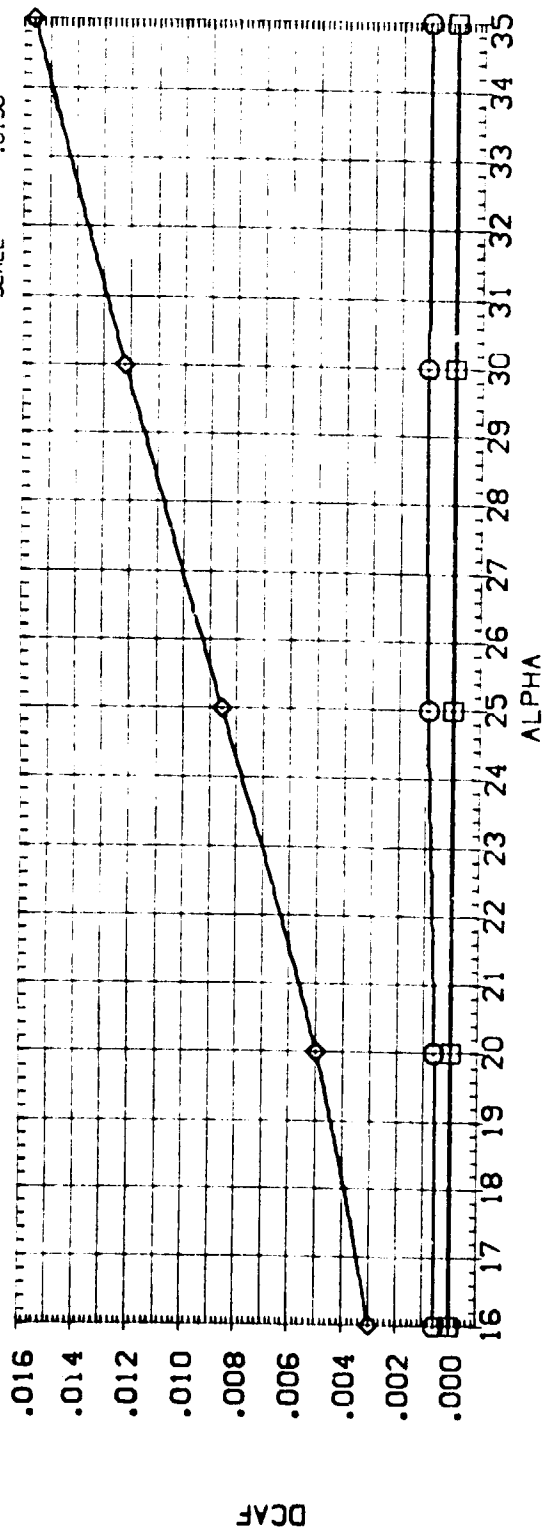


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	DLFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
(GTNO11)	AEDC VA474(DA77/78) (826C9F747)(V116E26)(V895)	-11.700	.000	55.000	.000	SFEF 87.1560 50. IN.
(GTNO31)	AEDC VA474(DA77/78) (826C9F747)(V116E26)(V895)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(GTNO47)	AEDC VA474(DA77/78) (826C9F747)(V116E26)(V895)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

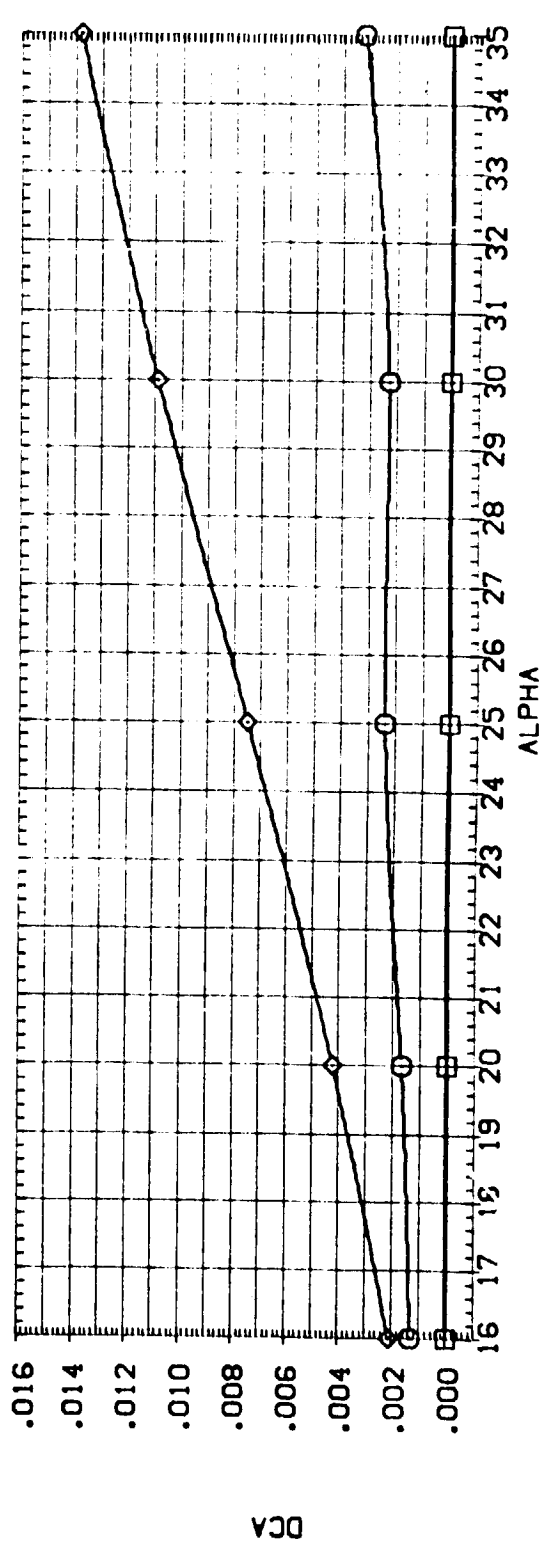
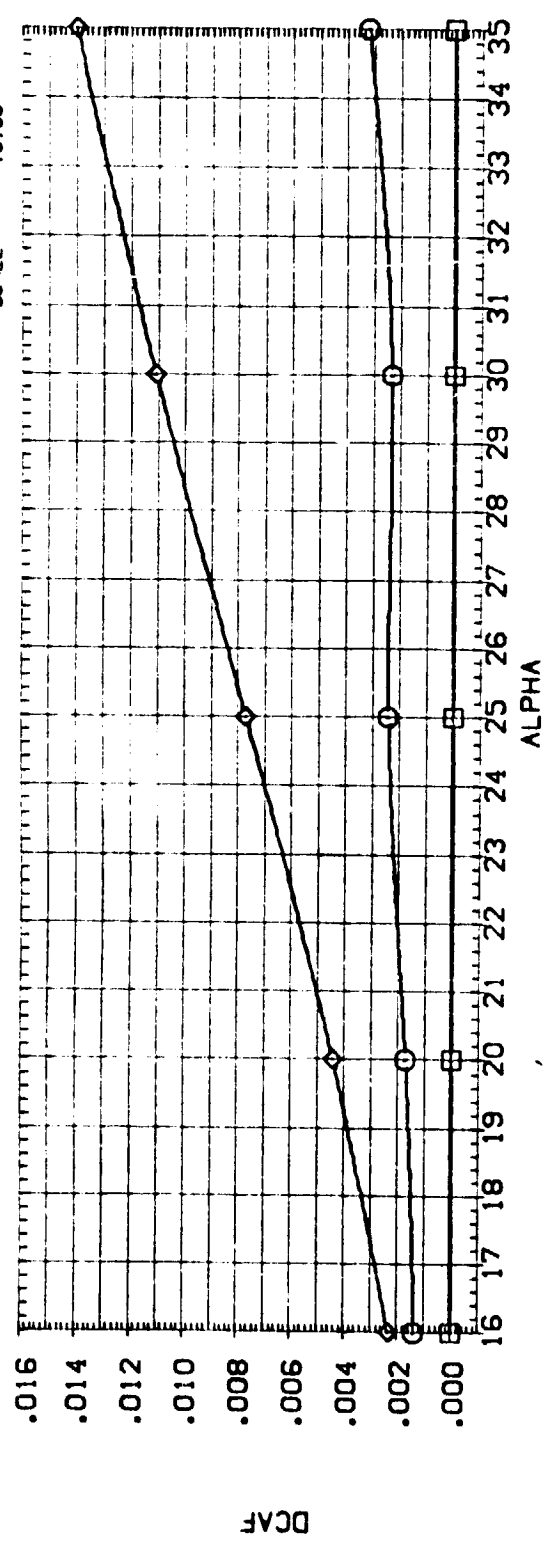


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (G1N011) AEDC VA474(OAT7/78) (B26C9F7M7) (V11E26) (VBR5)
 (G1N031) AEDC VA474(OAT7/78) (B26C9F7M7) (V11E26) (VBR5)
 (G1N047) AEDC VA474(OAT7/78) (B26C9F7M7) (V11E26) (VBR5)

DLFLAP ELEVTR SPOBRK RUDDER
 -11.700 .000 .000 .000
 16.300 .000 .000 .000

REFERENCE INFORMATION
 SREF 87.1560 SQ. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 YMRP 12.6250 INCHES
 ZMRP .0000 INCHES
 SCALE -.3750 INCHES

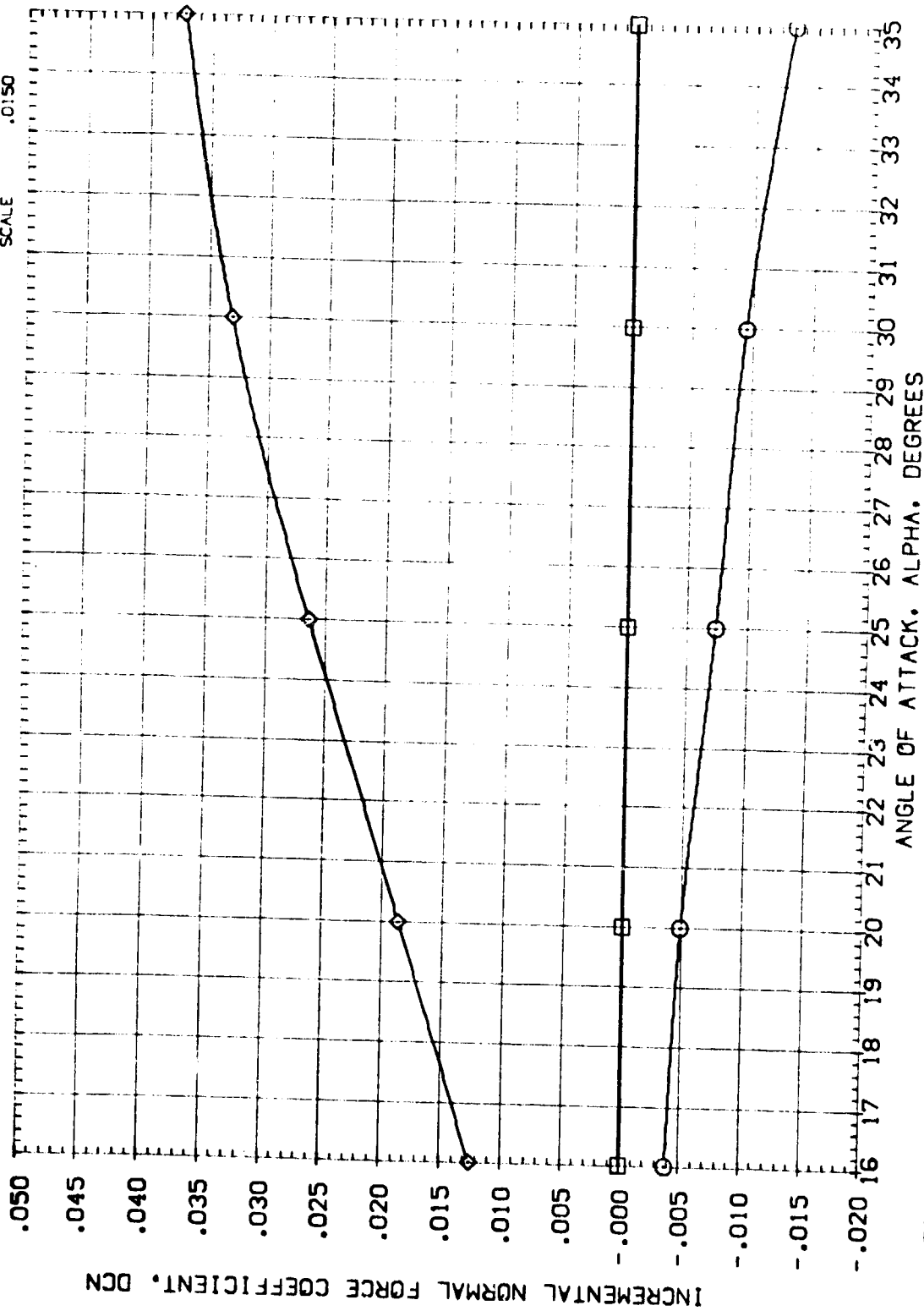


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPDRBK	RUDDER	REFERENCE INFORMATION	
(GTN011)	AEDC VA474 (0A77/78) (B26C9F7M7) (V11BE26) (VBR5)	-11.730	.000	55.000	.000	SREF	87.1560 SQ. IN.
(GTN031)	AEDC VA474 (0A77/78) (B26C9F7M7) (V11BE26) (VBR5)	.000	.000	55.000	.000	LREF	7.1220 INCHES
(GTN047)	AEDC VA474 (0A77/78) (B26C9F7M7) (V11BE26) (VBR5)	16.300	.000	55.000	.000	BREF	14.0520 INCHES
						XMRP	12.6250 INCHES
						YMRP	.0000 INCHES
						ZMRP	-.3750 INCHES
						SCALE	.0150

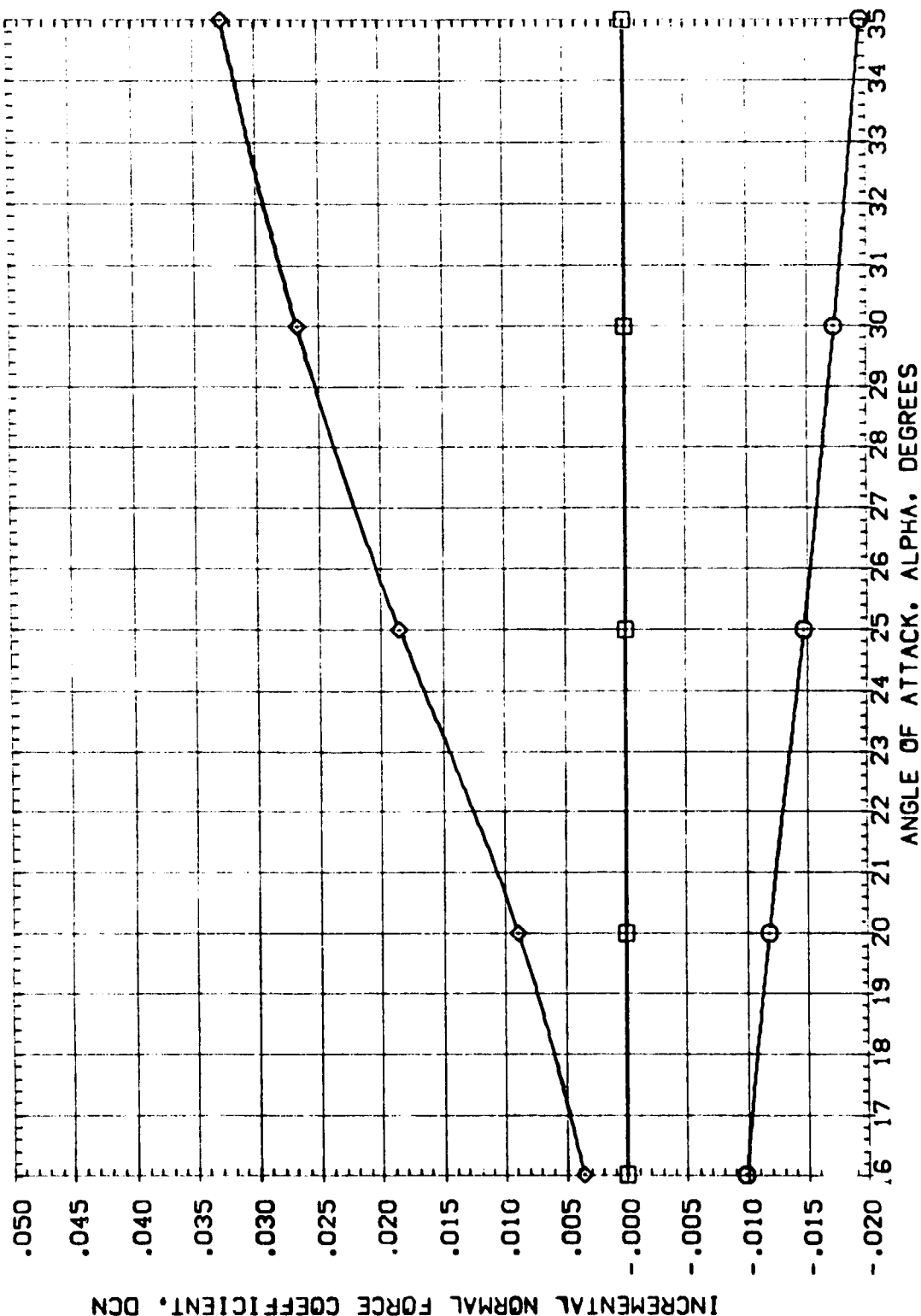


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPOBRK	RUDDER	REFERENCE INFORMATION
(GTN011)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8K5)	-11.700	.000	55.000	.000	SREF 87.1560 SQ. IN.
(GTN031)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8K5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(GTN047)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8K5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

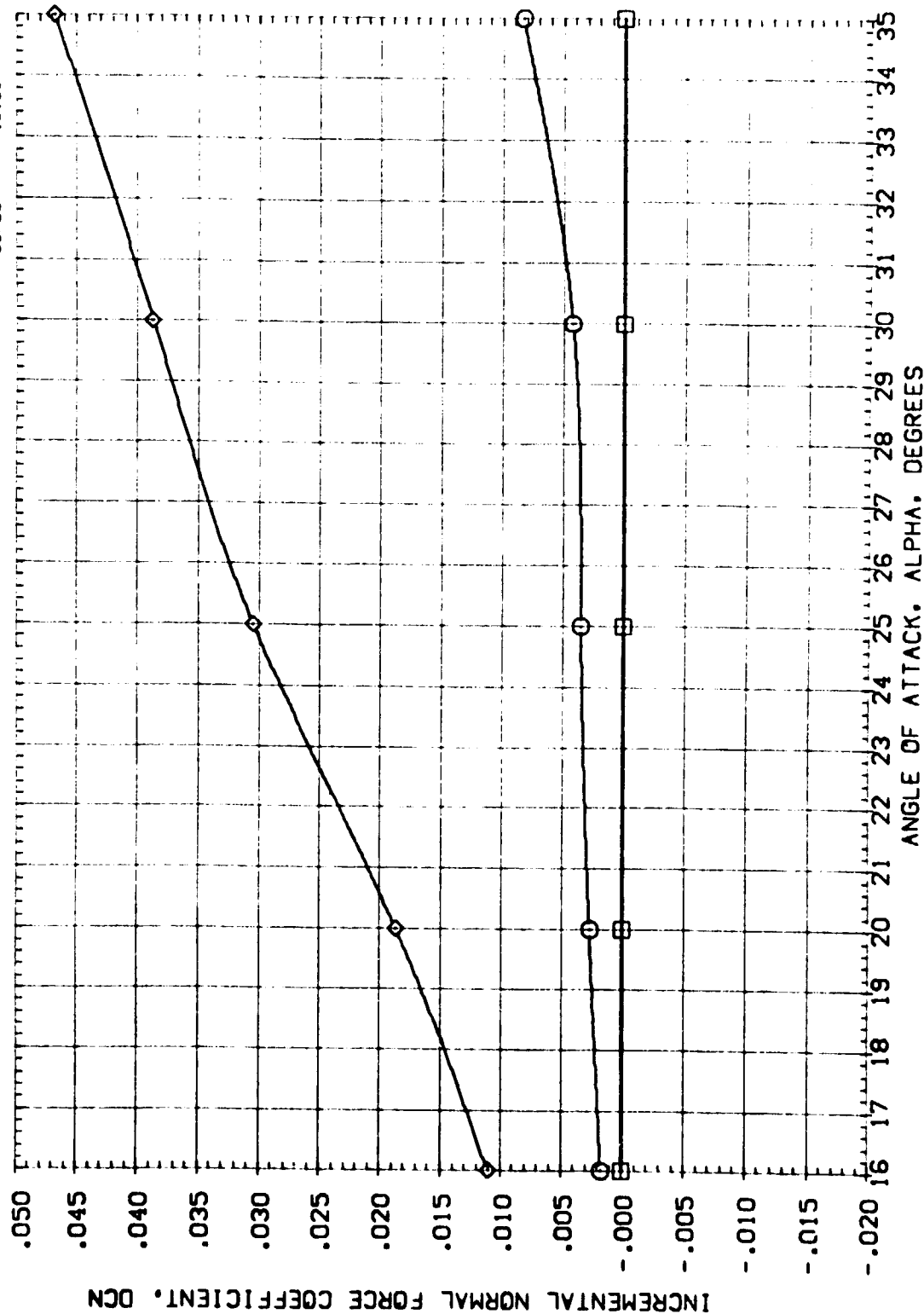


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DL FLAP	ELEVTR	SPDRBK	RUDDER	REFERENCE INFORMATION
(GTND11)	AEDC VA474(3A77/78) (B26C9F7H7)(V11BE26)(V8K5)	-11.700	.000	55.000	.000	SREF 87.1560 SO IN
(GTND31)	AEDC VA474(3A77/78) (B26C9F7H7)(V11BE26)(V8K5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(GTND47)	AEDC VA474(3A77/78) (B26C9F7H7)(V11BE26)(V8K5)	16.300	.000	55.000	.000	BREF 4.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

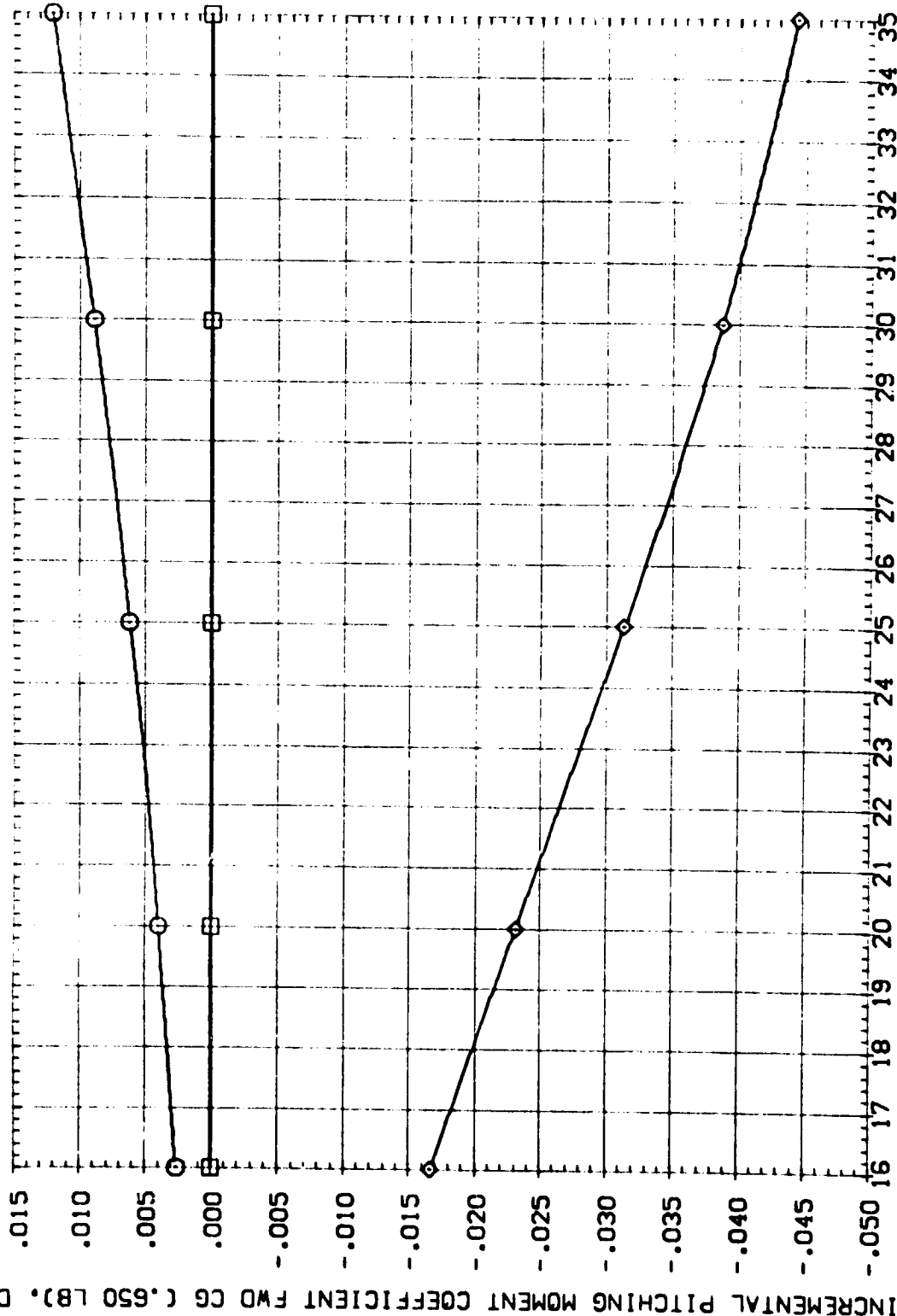


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MACH = 6.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPOBRN	RUDDER	REFERENCE INFORMATION
(G1N011)	AEDC VA474(0A77/78) (B26C97H7) (V116E26) (VBR5)	-11.700	.000	55.000	.000	SREF 87.1560 SO, IN.
(G1N031)	AEDC VA474(0A77/78) (B26C97H7) (V116E26) (VBR5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(G1N047)	AEDC VA474(0A77/78) (B26C97H7) (V116E26) (VBR5)	16.300	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP -.0000 INCHES
						SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT FWD CG (.650 LB), DCLMFD

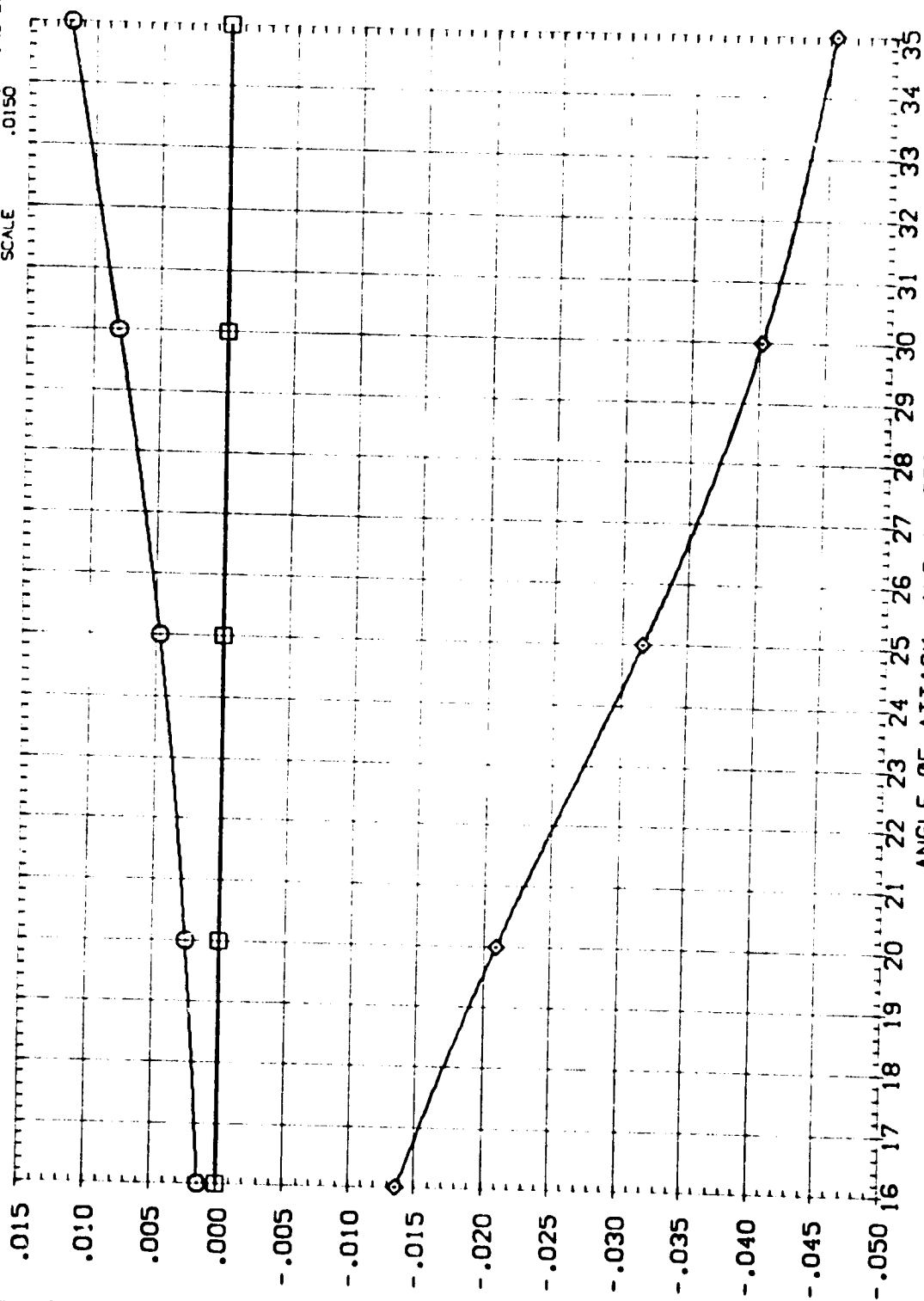


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(G1N011) AEDC VA474(0A77/78) (S26C9F7M7)(V116Z6)(V8R5)

(G1N031) AEDC VA474(0A77/78) (S26C9F7M7)(V116Z6)(V8R5)

(G1N047) AEDC VA474(0A77/78) (S26C9F7M7)(V116Z6)(V8R5)

DLFLAP ELEVTR SPOBRK RUDDER REFERENCE INFORMATION

-11.700 .000 .000 .000 SREF 87.1560 SQ. IN.

16.300 .000 .000 .000 LBREF 7.1220 INCHES

BRREF 14.0520 INCHES

XMRP .0000 XMRP 12.6250 INCHES

YMRP .0000 YMRP .0000 INCHES

ZMRP .0000 ZMRP .0000 INCHES

SCALE .0150

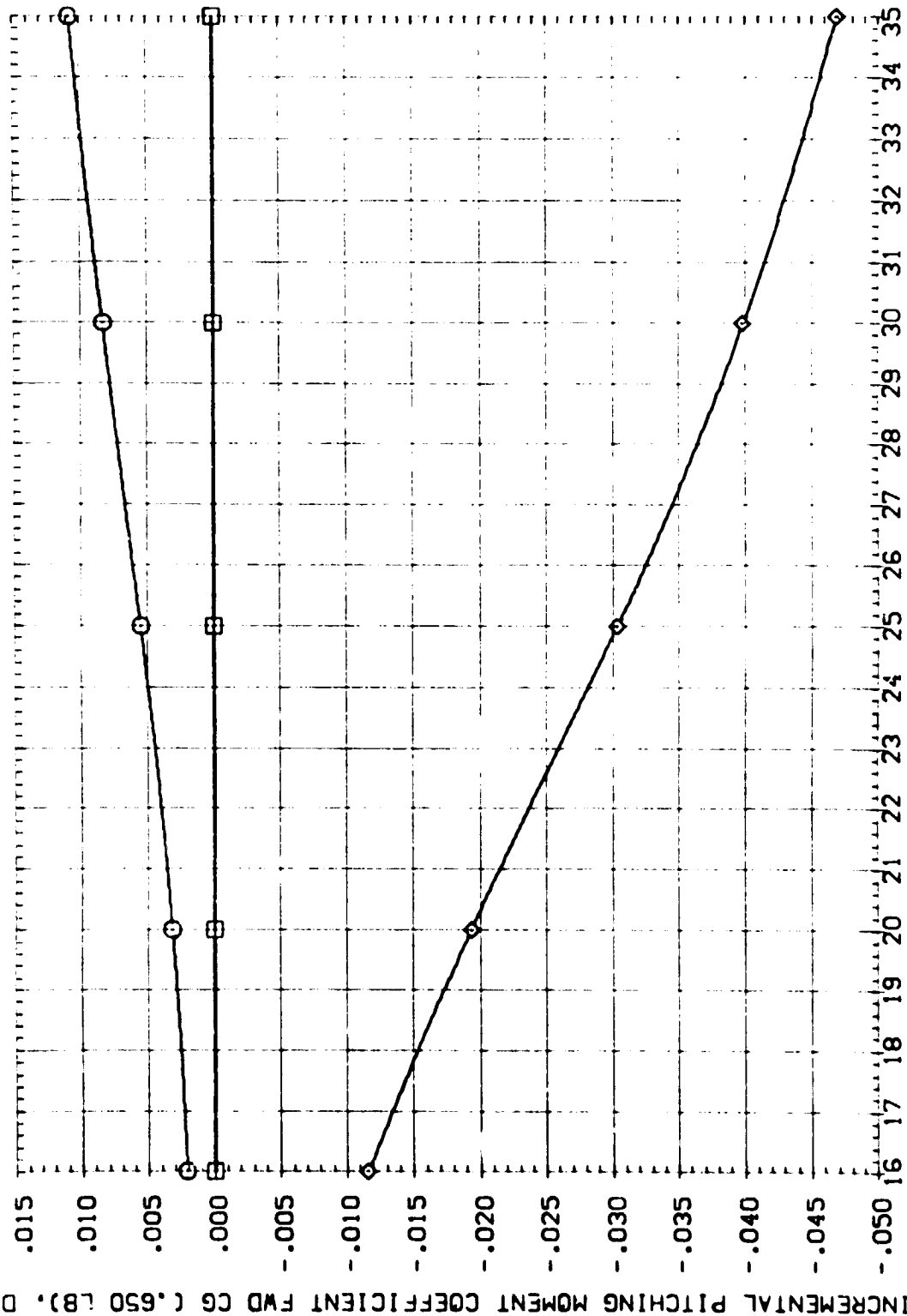
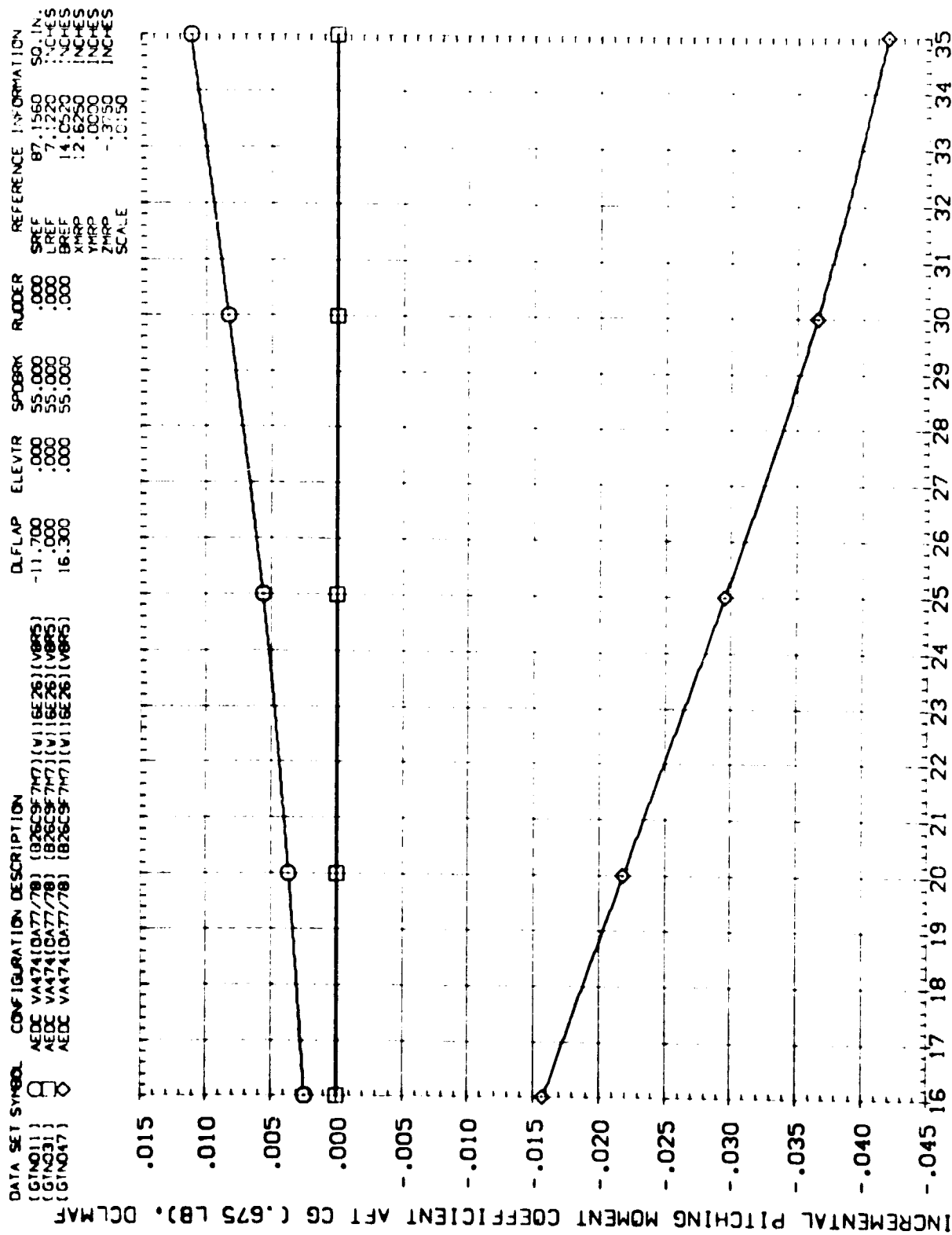


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.00



ANGLE OF ATTACK, ALPHA, DEGREES

FIG 09 EFFECT OF BODY FLAP DEFLECTION

(A)MAC = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DL FLAP	ELEVTR	SPDBRK	RUDDER	REFERENCE INFORMATION
DLFLAP	ELEVTR	SPDBRK	RUDDER	SREF
DLFLAP	ELEVTR	SPDBRK	RUDDER	LREF
DLFLAP	ELEVTR	SPDBRK	RUDDER	BREF
DLFLAP	ELEVTR	SPDBRK	RUDDER	YMRP
DLFLAP	ELEVTR	SPDBRK	RUDDER	ZMRP
DLFLAP	ELEVTR	SPDBRK	RUDDER	SCALE

SO. IN.
INCHES
INCHES
INCHES
INCHES
INCHES
INCHES

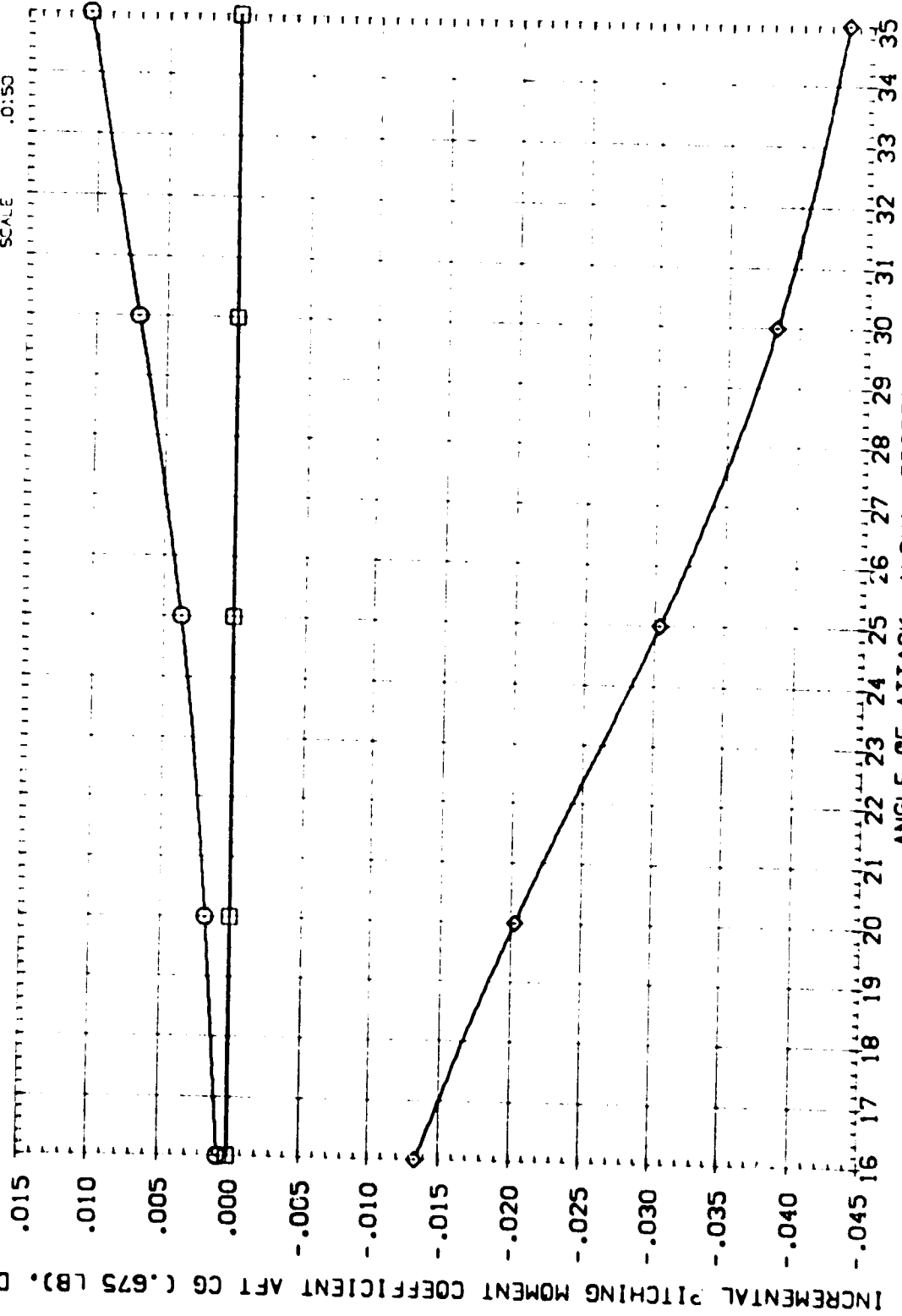


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(3) MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLFLAP	ELEVTR	SPODBRK	RUDDER	REFERENCE INFORMATION
(GTNO11)	AE DC VA474 (QATT/78) (B26C9F7M7) (V116E26) (VBRS)	-11.700	.000	55.000	.000	SREF 87.1560 SQ IN
(GTNO31)	AE DC VA474 (QATT/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	55.000	.000	LREF 7.1220 NCES
(GTNO41)	AE DC VA474 (QATT/78) (B26C9F7M7) (V116E26) (VBRS)	16.300	.000	55.000	.000	BREF 14.0520 NCES
						YMRP 12.6250 NCES
						ZMRP .0000 NCES
						SCALE .3750 INCHES

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB), DCLMAF

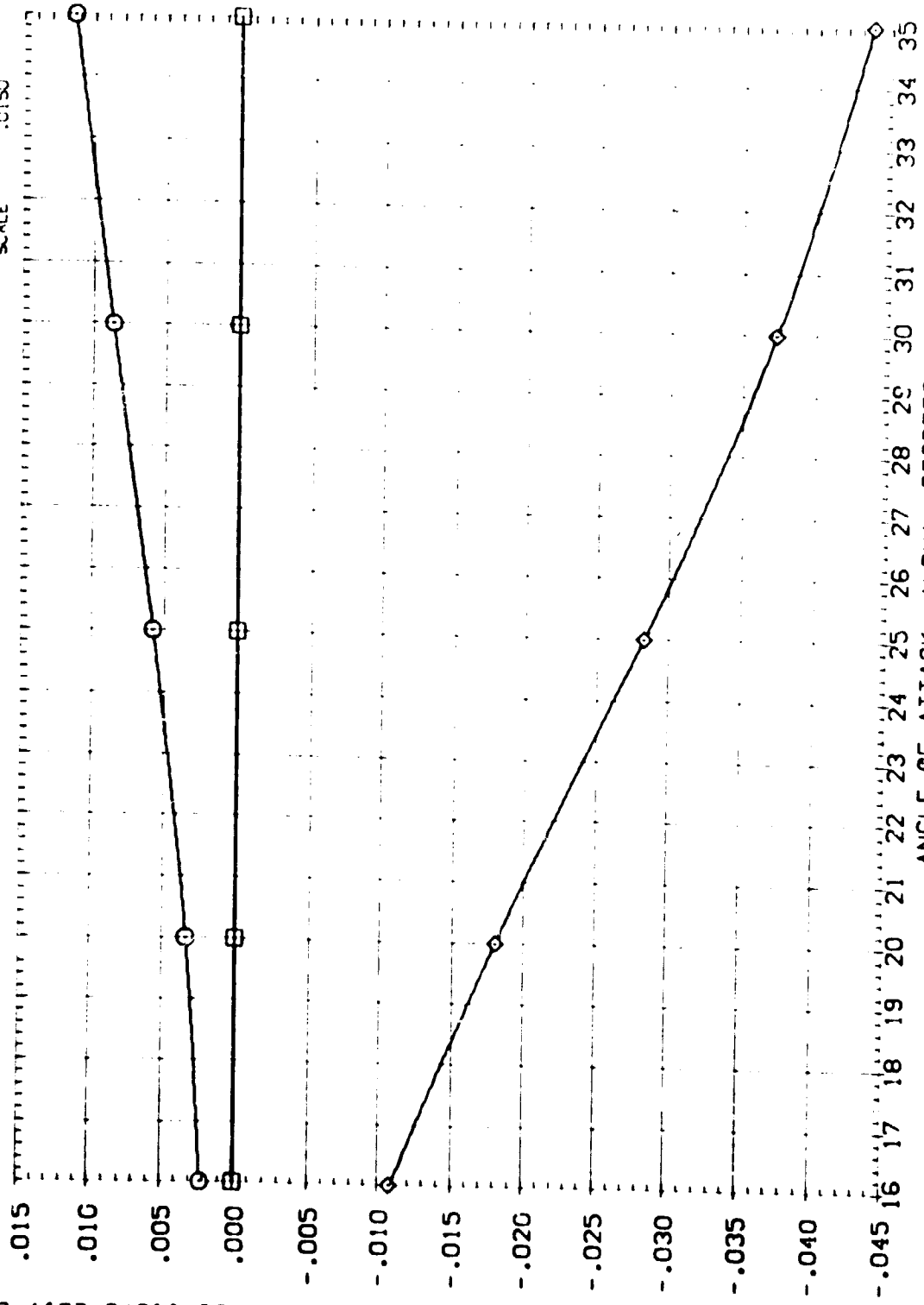


FIG 09 EFFECT OF BODY FLAP DEFLECTION

(C)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION	
(ATN089)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	-11.700	.000	SREF	97.1560 SQ. IN.
(ATN090)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	.25.000	.000	-11.700	.000	LREF	7.1220 INCHES
(ATN091)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	.55.000	.000	-11.700	.000	BREF	4.0520 INCHES
(ATN092)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBRS)	.65.000	.000	-11.700	.000	YMRP	12.6250 INCHES
						ZMRP	.0000 INCHES
						SCALE	.3750 INCHES
							.0150

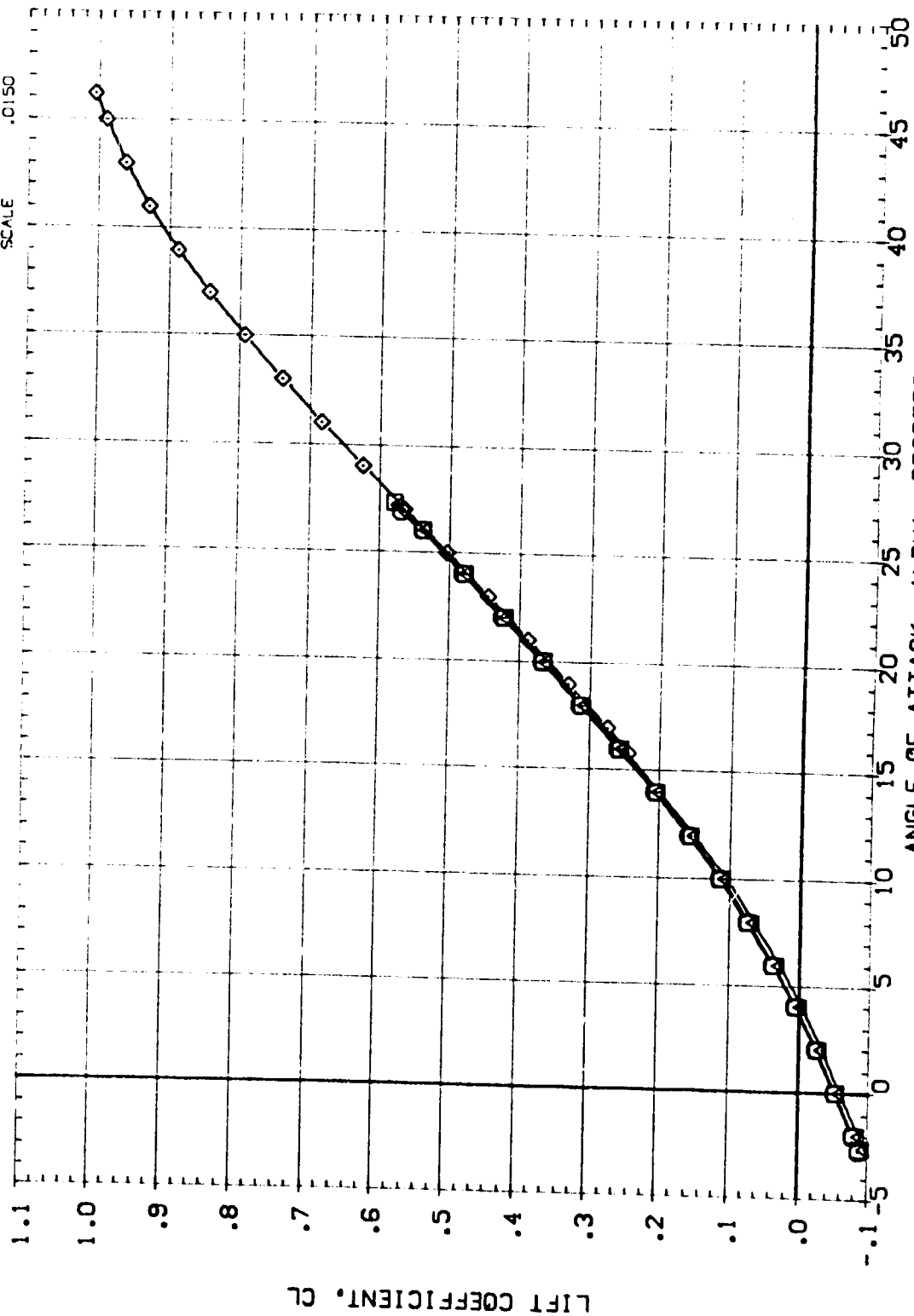


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONF	DESCRIPTION	SPDRK	ELEVTR	BOFLAP	RUDER	REFERENCE INFORMATION
(ATN089)	AEDC	VA474(OA77/78)	(B26C9F7M7)	(V116E23)	(VBR5)	.000	SREF
(ATN090)	AEDC	VA474(OA77/78)	(B26C9F7M7)	(V116E26)	(VBR5)	25.000	LREF
(ATN091)	AEDC	VA474(OA77/78)	(B26C9F7M7)	(V116E26)	(VBR5)	55.000	BREF
(ATN091)	AEDC	VA474(OA77/78)	(B26C9F7M7)	(V116E26)	(VBR5)	85.000	XMRP
							YMRP
							ZMRP
							SCALE

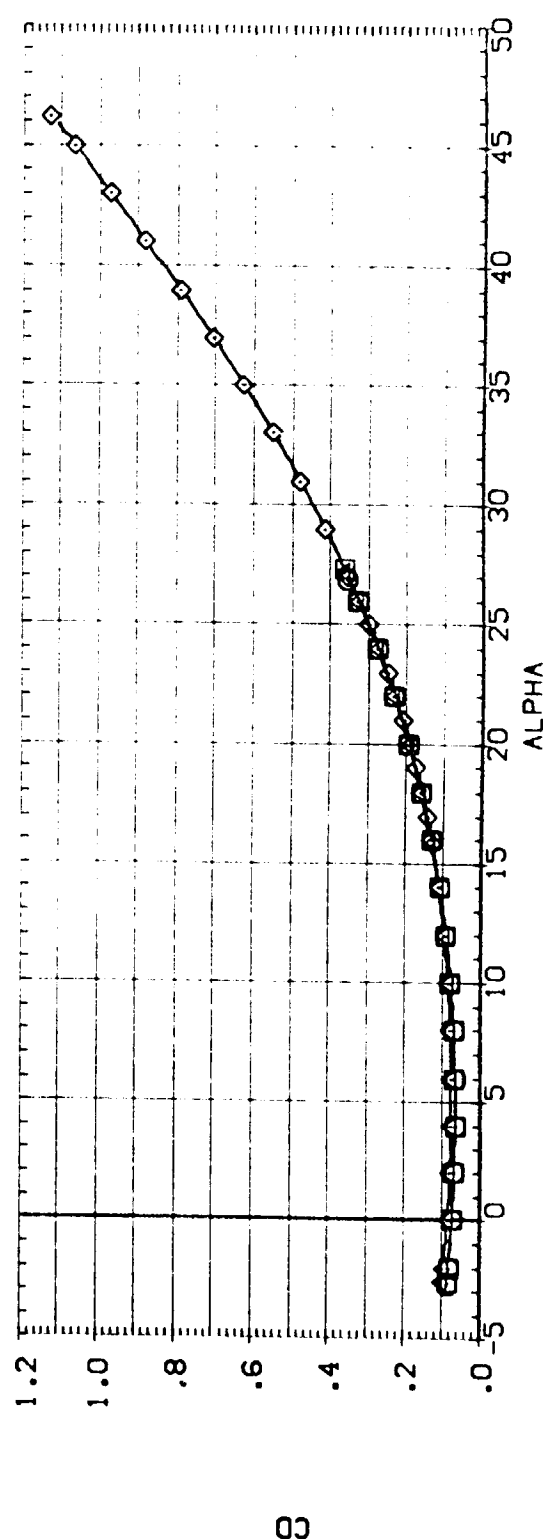
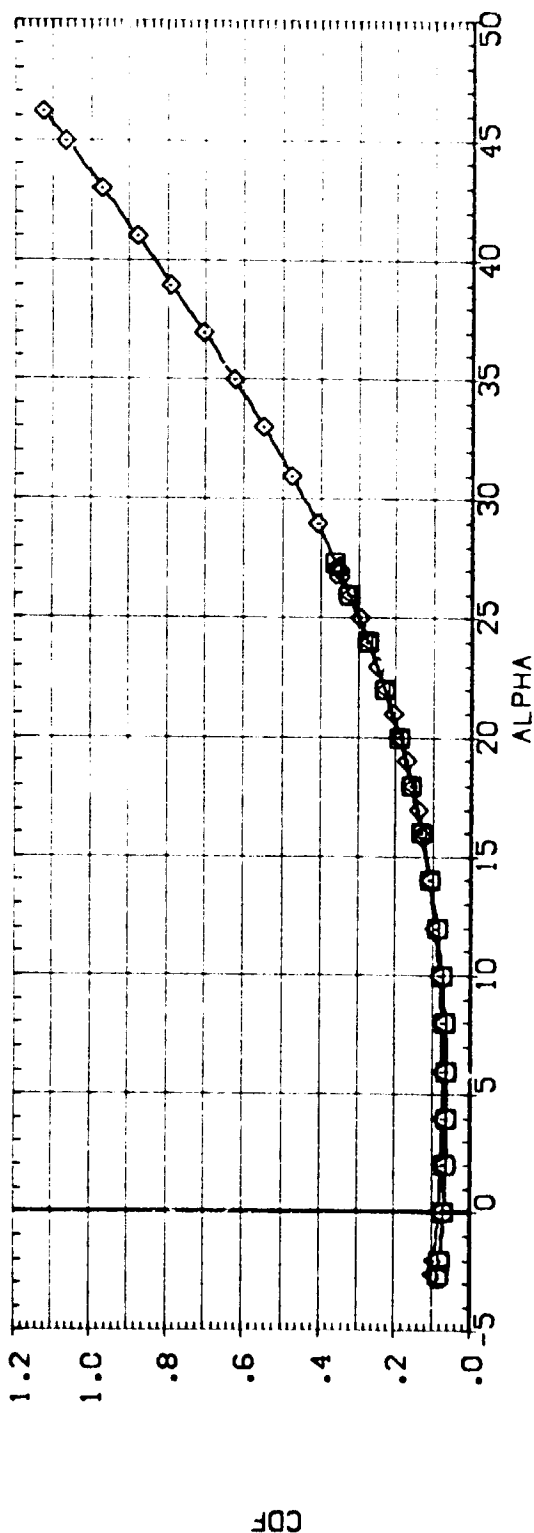


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
(ATN089)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	.000	-11.700	.000	SREF 87.1560 SQ. IN.
(ATN090)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	25.000	.000	-11.700	.000	LREF 7.1220 INCHES
(ATN011)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	55.000	.000	-11.700	.000	BREF 14.0520 INCHES
(ATN051)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	95.000	.000	-11.700	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

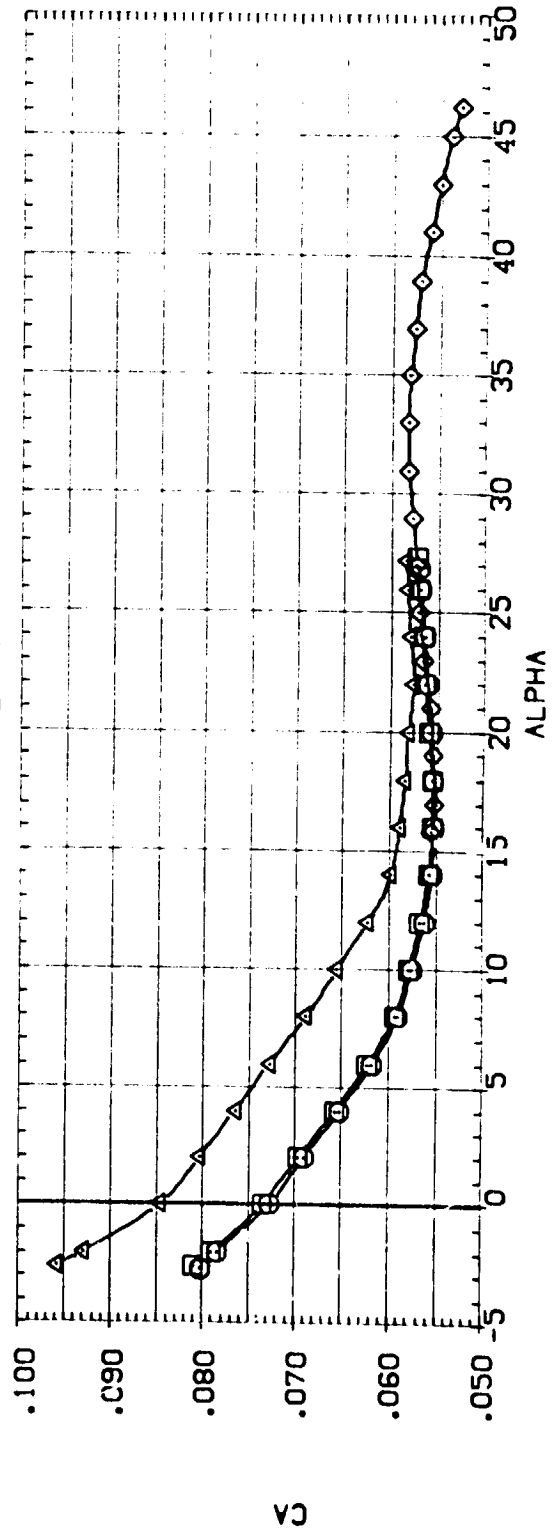
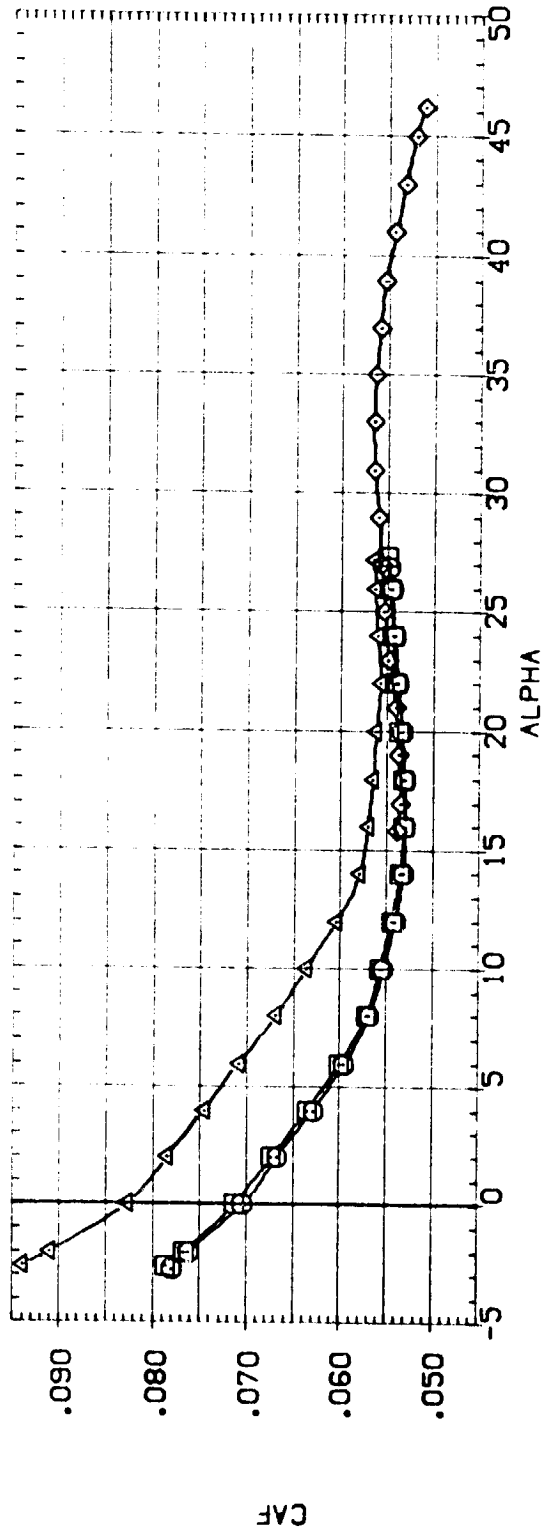


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
(A1N089)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	-11.700	.000	SREF 87.1560 SQ. IN.
(A1N090)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	25.000	.000	-11.700	.000	LREF 7.1220 INCHES
(A1N011)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	55.000	.000	-11.700	.000	BREF 14.0520 INCHES
(A1N091)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	85.000	.000	-11.700	.000	YMRP 12.8250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

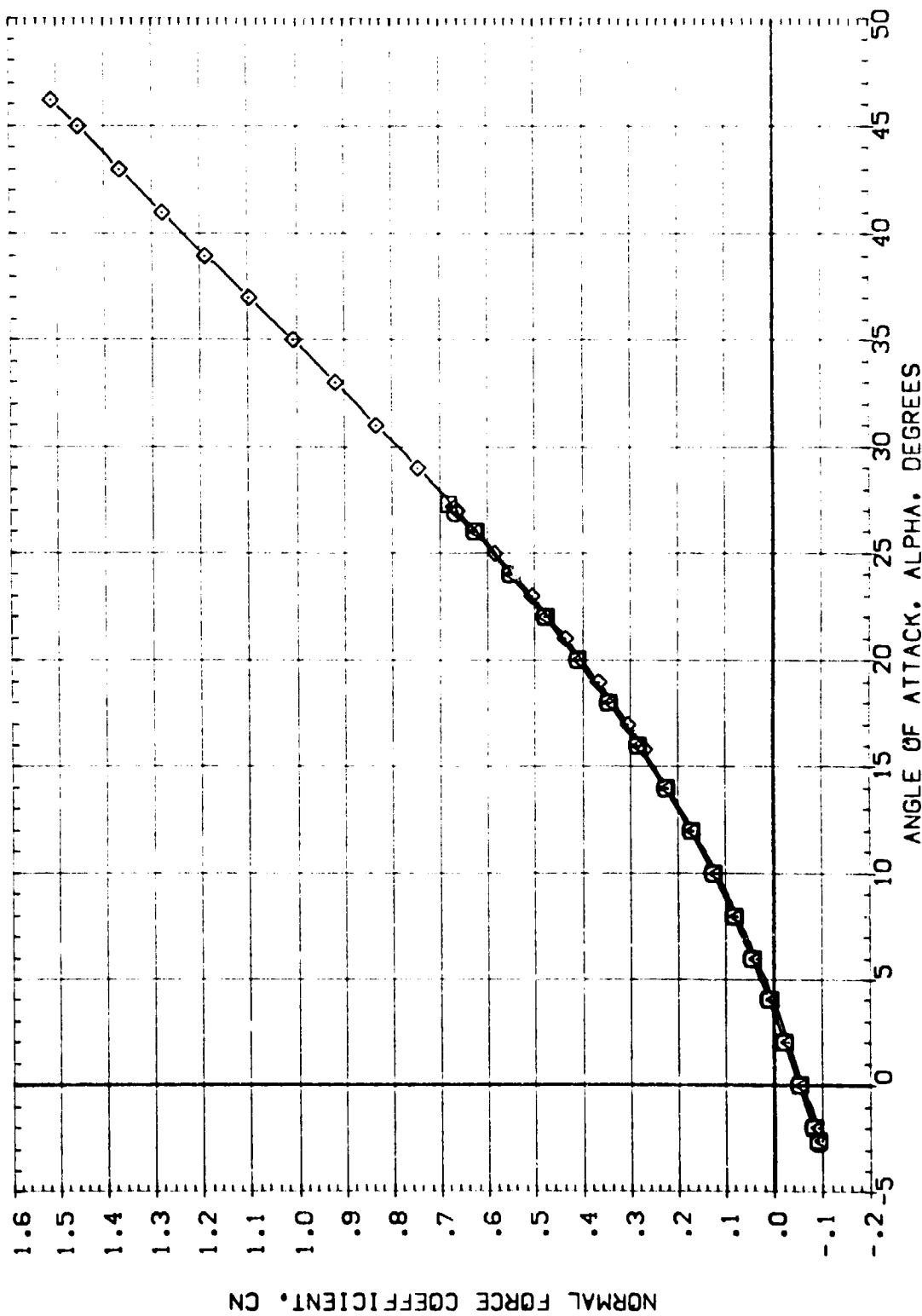


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPEED	ELEV	BOFLAP	RUDDER	REFERENCE INFORMATION
[ATN089]	AEDC VA474(0A77/78) (826C9747) (V16E26) (V8RS)	.000	.000	-11.700	.000	SREF 87.1560 SQ. IN.
[ATN090]	AEDC VA474(0A77/78) (826C9747) (V16E26) (V8RS)	25.000	.000	-11.700	.000	LREF 7.1220 INCHES
[ATN091]	AEDC VA474(0A77/78) (826C9747) (V16E26) (V8RS)	55.000	.000	-11.700	.000	BREF 14.0520 INCHES
[ATN092]	AEDC VA474(0A77/78) (826C9747) (V16E26) (V8RS)	85.000	.000	-11.700	.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150 INCHES

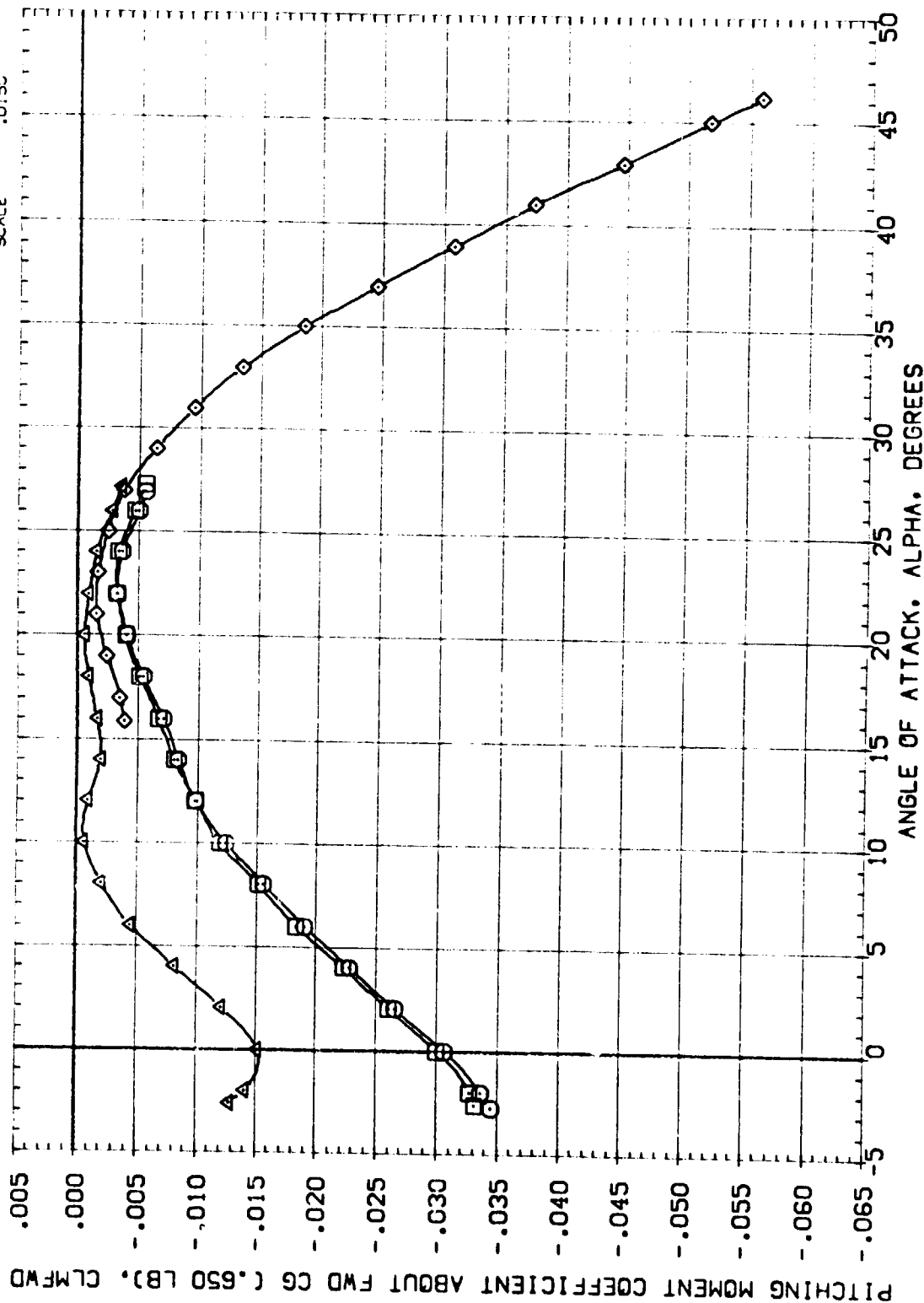


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPDBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
[ATN088]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8K5)	.000	.000	-11.700	.000	SREF 87.1560 SQ. IN.
[ATN090]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8K5)	25.000	.000	-11.700	.000	LREF 7.1220 INCHES
[ATN091]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8K5)	55.000	.000	-11.700	.000	BREF 14.0520 INCHES
[ATN091]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8K5)	85.000	.000	-11.700	.000	XMRP 12.6250 INCHES
					.000	YMRP .0000 INCHES
					.000	ZMRP .0000 INCHES
					.000	SCALE .0150

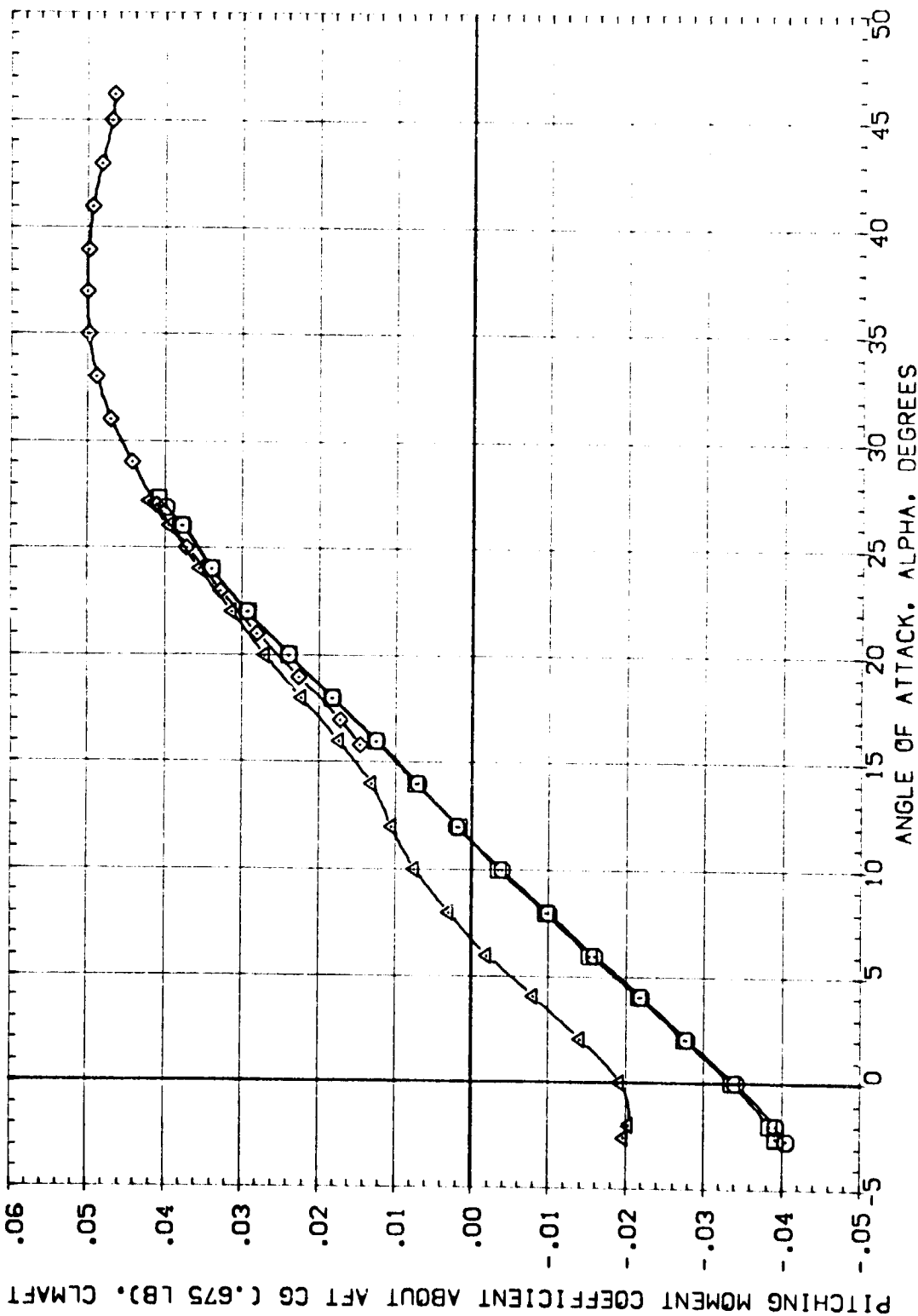


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	ELEVTR	BDF LAP	RUDDER	REFERENCE INFORMATION
[ATN089]	AEDC VA474 (Q471/78) (B26C9F7M7) (V116E26) (V8RS)	.000	.000	-11.700	.000	SREF 87.1560 SQ. IN.
[ATN090]	AEDC VA474 (Q471/78) (B26C9F7M7) (V116E26) (V8RS)	25.000	.000	-11.700	.000	LREF 7.1220 INCHES
[ATN011]	AEDC VA474 (Q471/78) (B26C9F7M7) (V116E26) (V8RS)	55.000	.000	-11.700	.000	BREF 14.0520 INCHES
[ATN091]	AEDC VA474 (Q471/78) (B26C9F7M7) (V116E26) (V8RS)	85.000	.000	-11.700	.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750

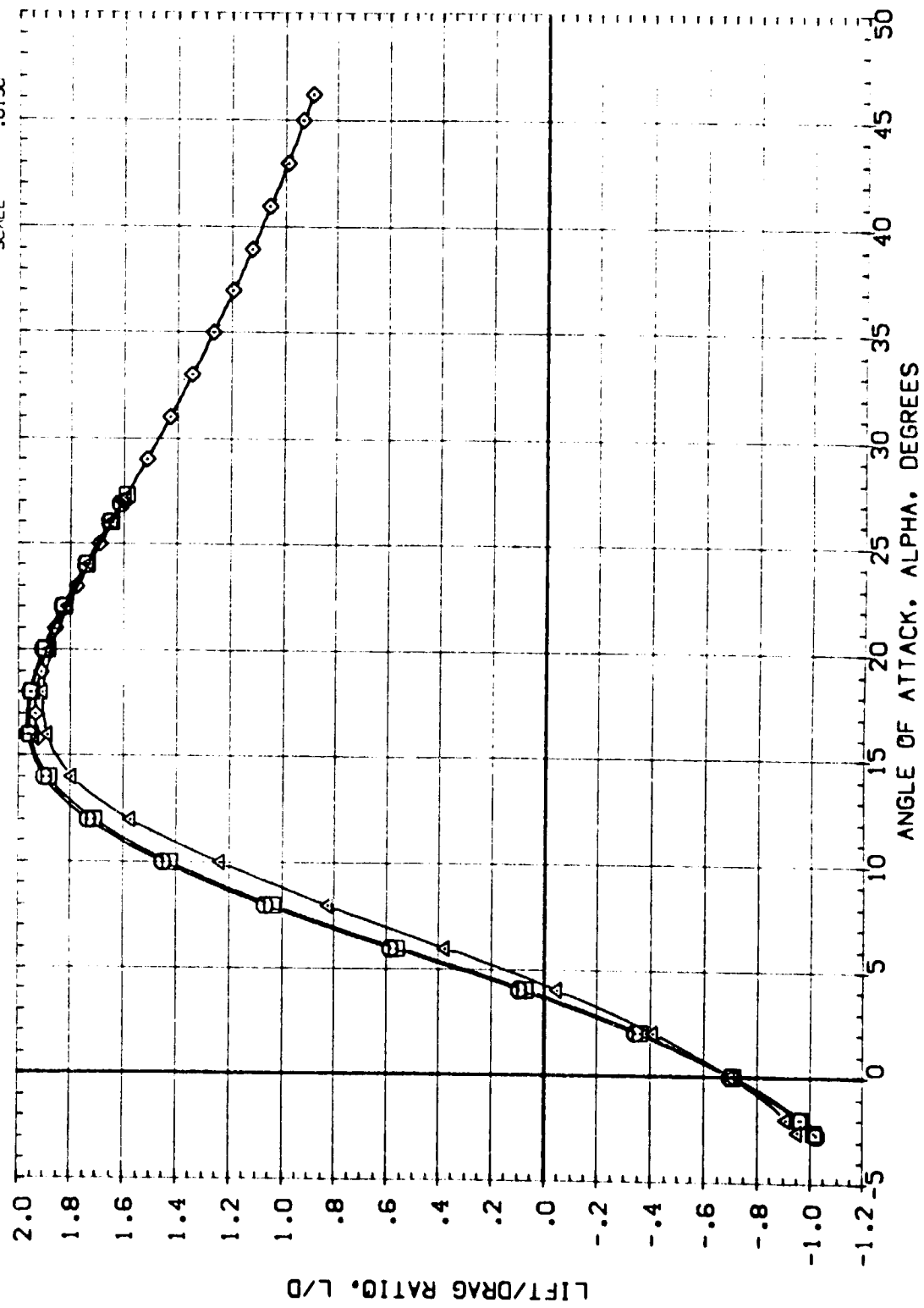
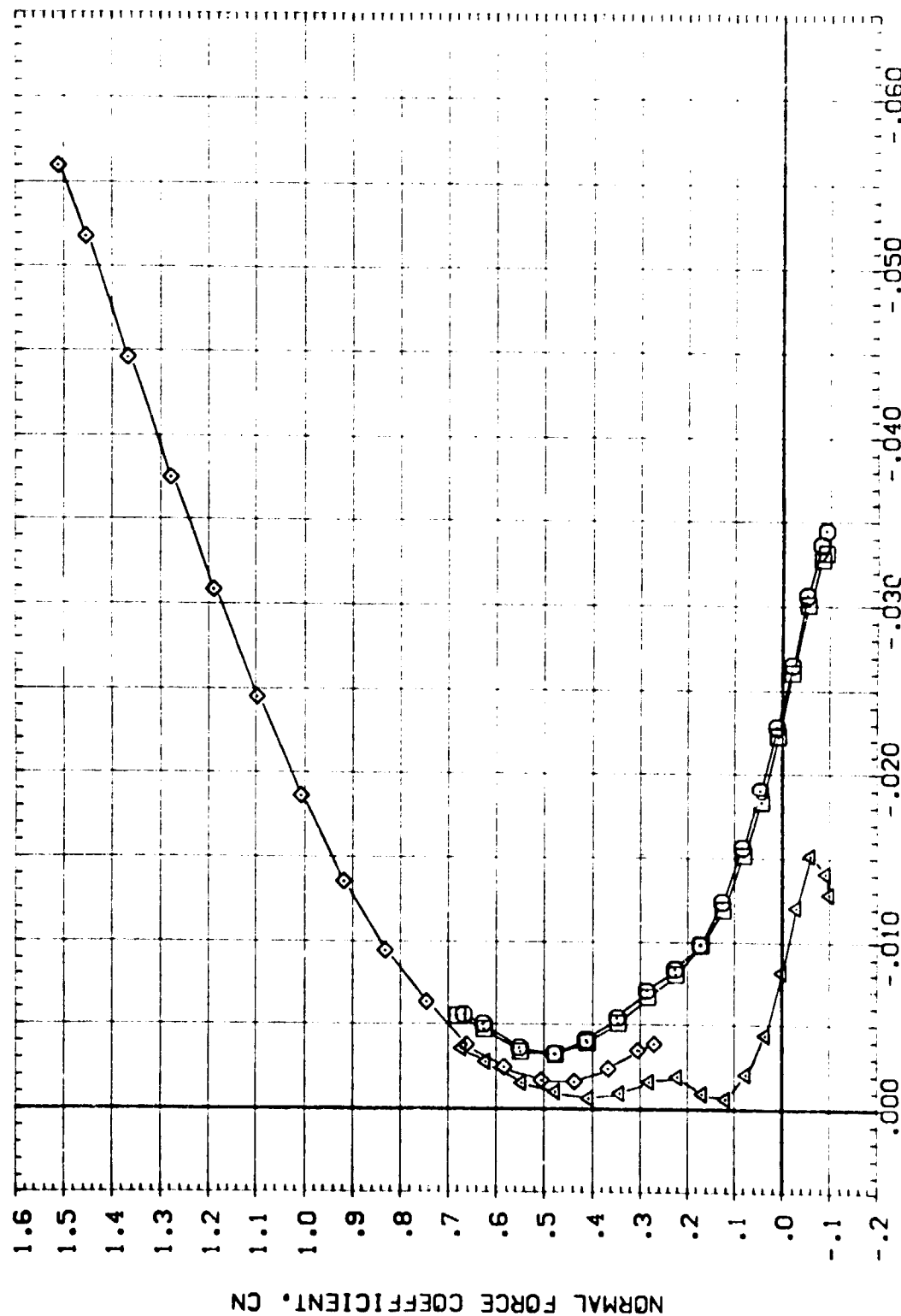


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
[ATN089]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	-11.700	.000	SREF 87.1560 SQ. IN.
[ATN090]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	25.000	.000	-11.700	.000	LREF 7.1220 INCHES
[ATN011]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	55.000	.000	-11.700	.000	BREF 14.0520 INCHES
[ATN091]	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	65.000	.000	-11.700	.000	XMRP 12.6250 INCHES
						ZMRP -.0000 INCHES
						SCALE -.3750 INCHES



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFW

FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOILER	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION			
(ATN089)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	.000	-11.700	.000	SREF	87.1560	50.1N	
(ATN090)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	25.000	.000	-11.700	.000	LREF	7.1220	INCHES	
(ATN091)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	55.000	.000	-11.700	.000	BREF	14.0520	INCHES	
(ATN092)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	85.000	.000	-11.700	.000	XMRP	2.6230	INCHES	
						YMRP	.0000	INCHES	
						ZMRP	-.3750	INCHES	
						SCALE	.0150		

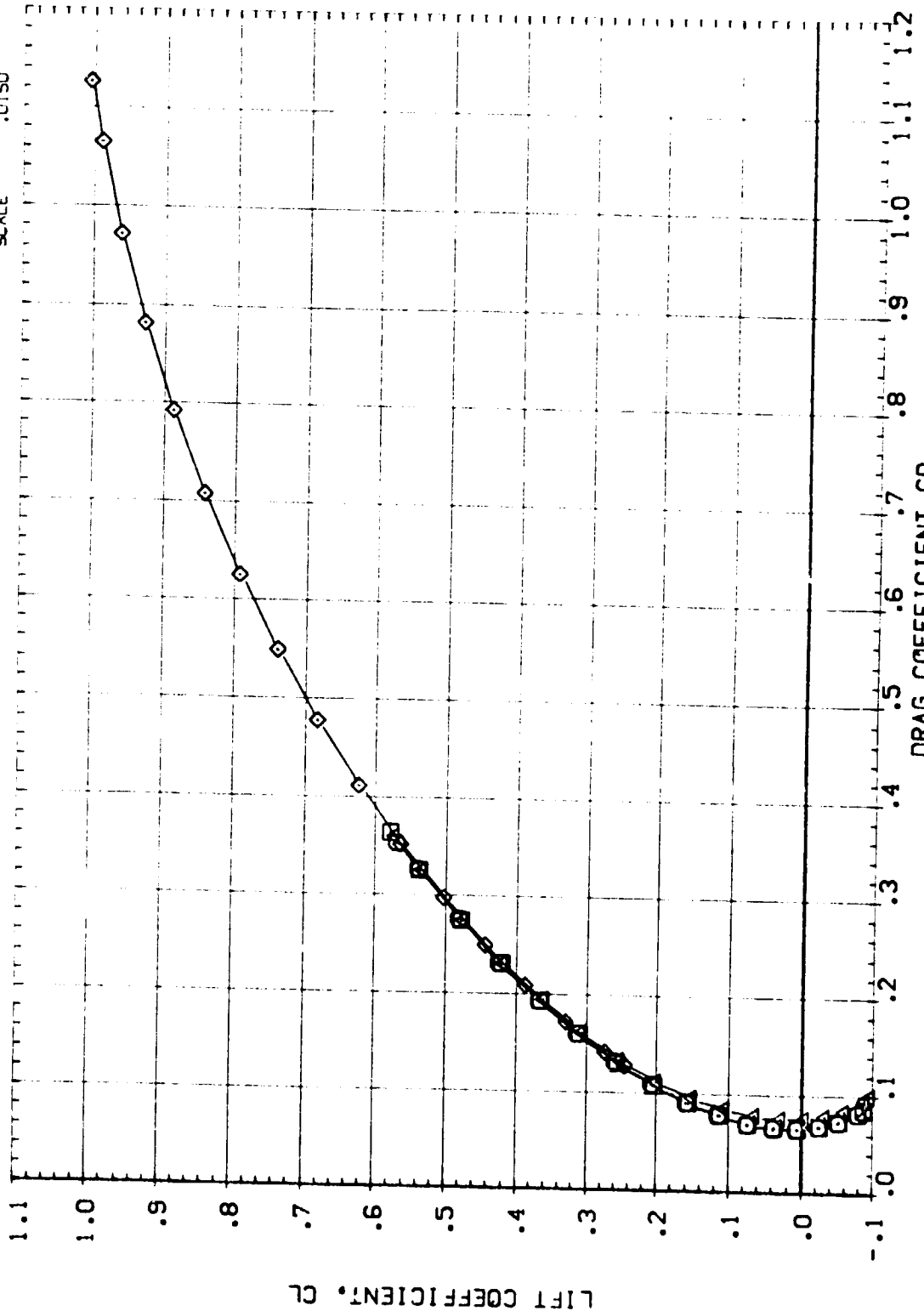


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A) $\alpha_{AC} = 8.00$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SPOBRK	ELEVTR	BDF LAP	RUDDER	REFERENCE INFORMATION
[ATN089]	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8K5)	.000	.000	-11.700	.000	SREF 87.1560 50.1N.
[ATN090]	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8K5)	25.000	.000	-11.700	.000	LREF 7.1220 INCHES
[ATN091]	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8K5)	55.000	.000	-11.700	.000	BREF 14.0520 INCHES
[ATN092]	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8K5)	85.000	.000	-11.700	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

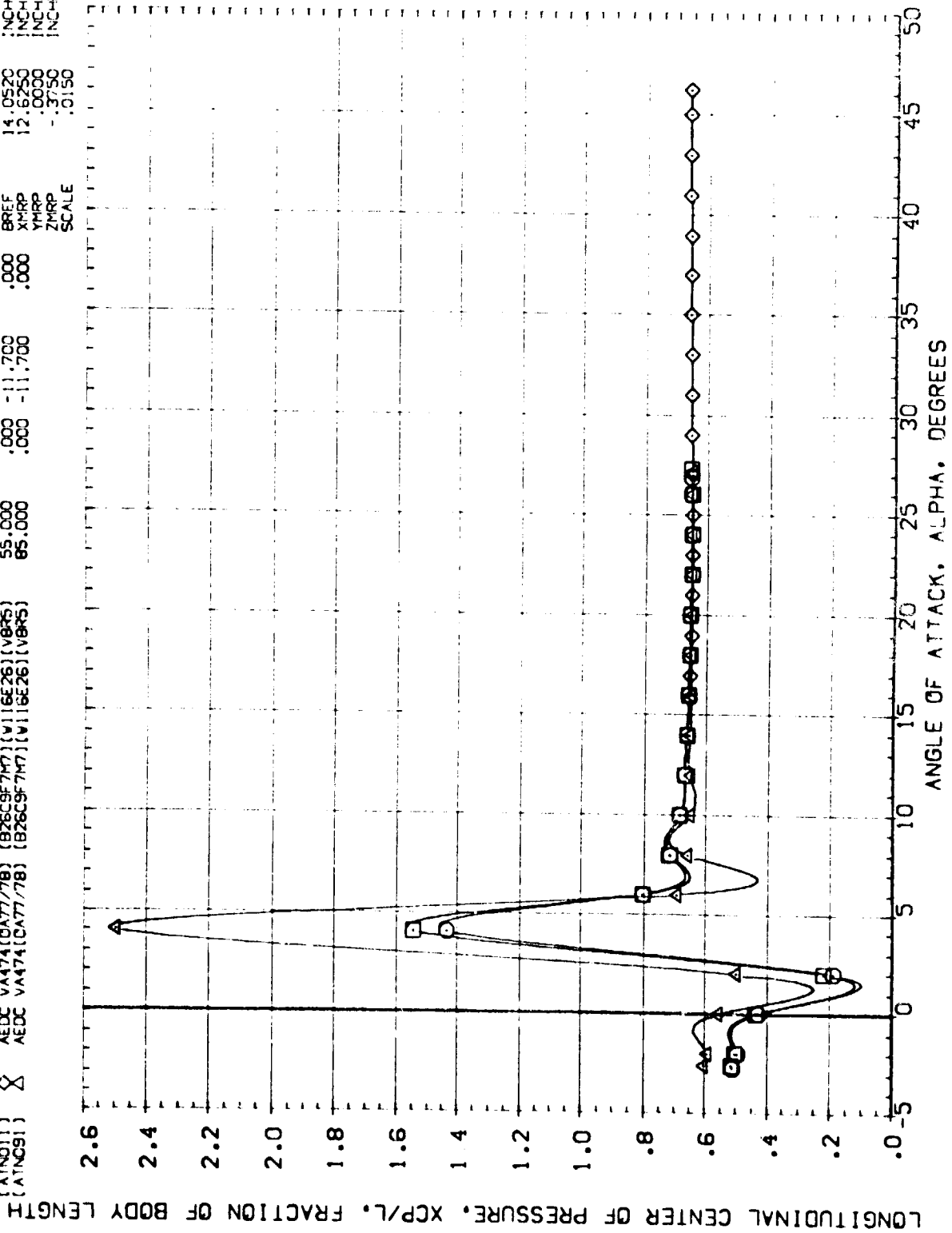


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	DSPBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
(A)N089	AEDC VA474(DA77/78) (B26C9F7M7)(V) 6E26(VBR5)	-55.000	.000	-11.700	.000	SREF 87.1580 SQ.IN.
(A)N090	AEDC VA474(DA77/78) (B26C9F7M7)(V) 5E26(VBR5)	-30.000	.000	-11.700	.000	LREF 7.1220 INCHES
(A)N091	AEDC VA474(DA77/78) (B26C9F7M7)(V) 5E26(VBR5)	.000	.000	-11.700	.000	BREF 14.0520 INCHES
(A)N092	AEDC VA474(DA77/78) (B26C9F7M7)(V) 5E26(VBR5)	30.000	.000	-11.700	.000	AMRD 12.6250 INCHES
						YMRD .0000 INCHES
						ZMRD -.3750 INCHES
						SCALE .0150

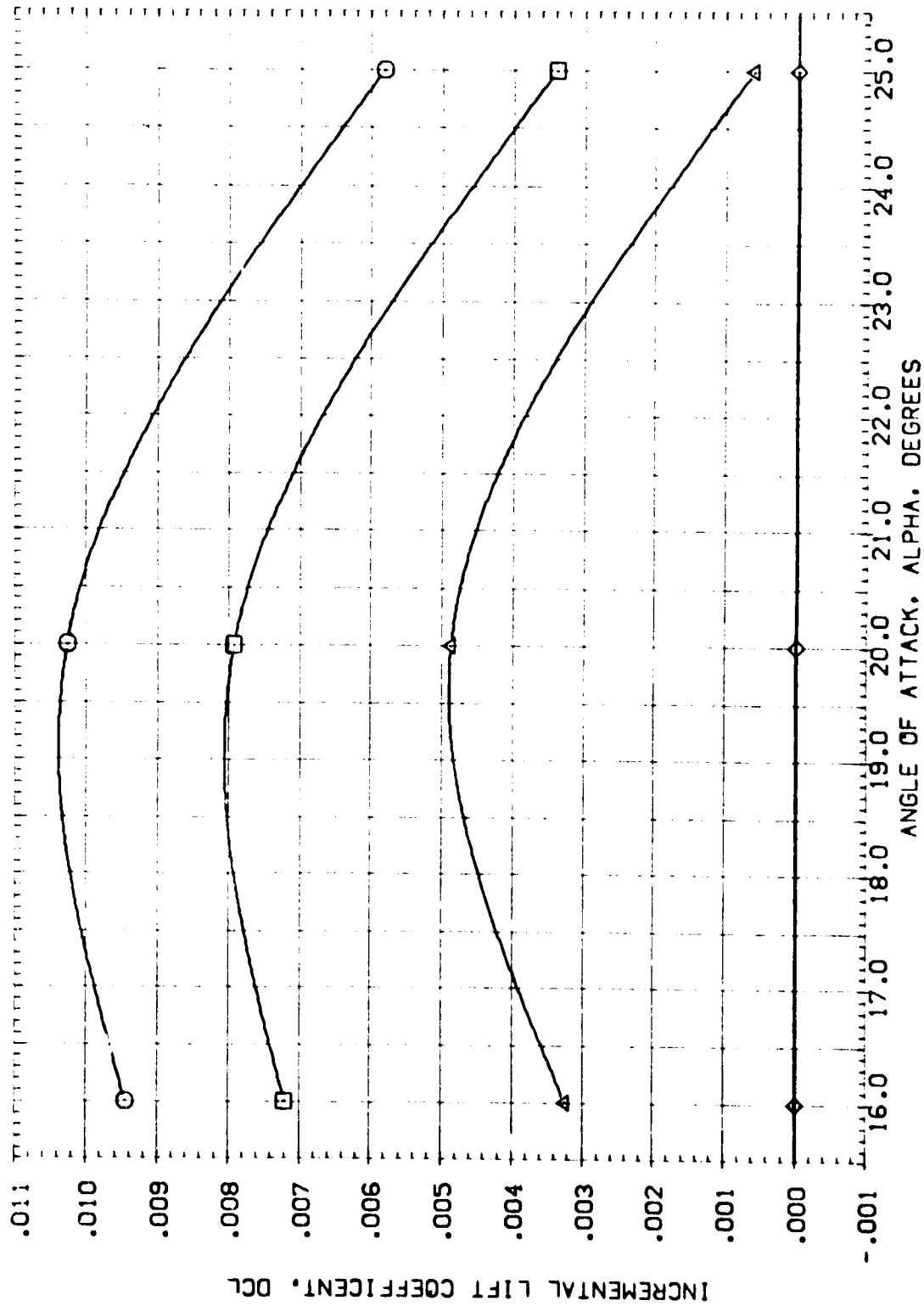


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DSRBK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
(HTN089)	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26) (V8R5)	-55.000	.000	-11.700	.000	SREF 87.1560 SO.IN.
(HTN090)	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26) (V8R5)	-30.000	.000	-11.700	.000	LREF 7.1220 INCHES
(HTN091)	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26) (V8R5)	30.000	.000	-11.700	.000	BREF 14.0520 INCHES
			.000	-11.700	.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

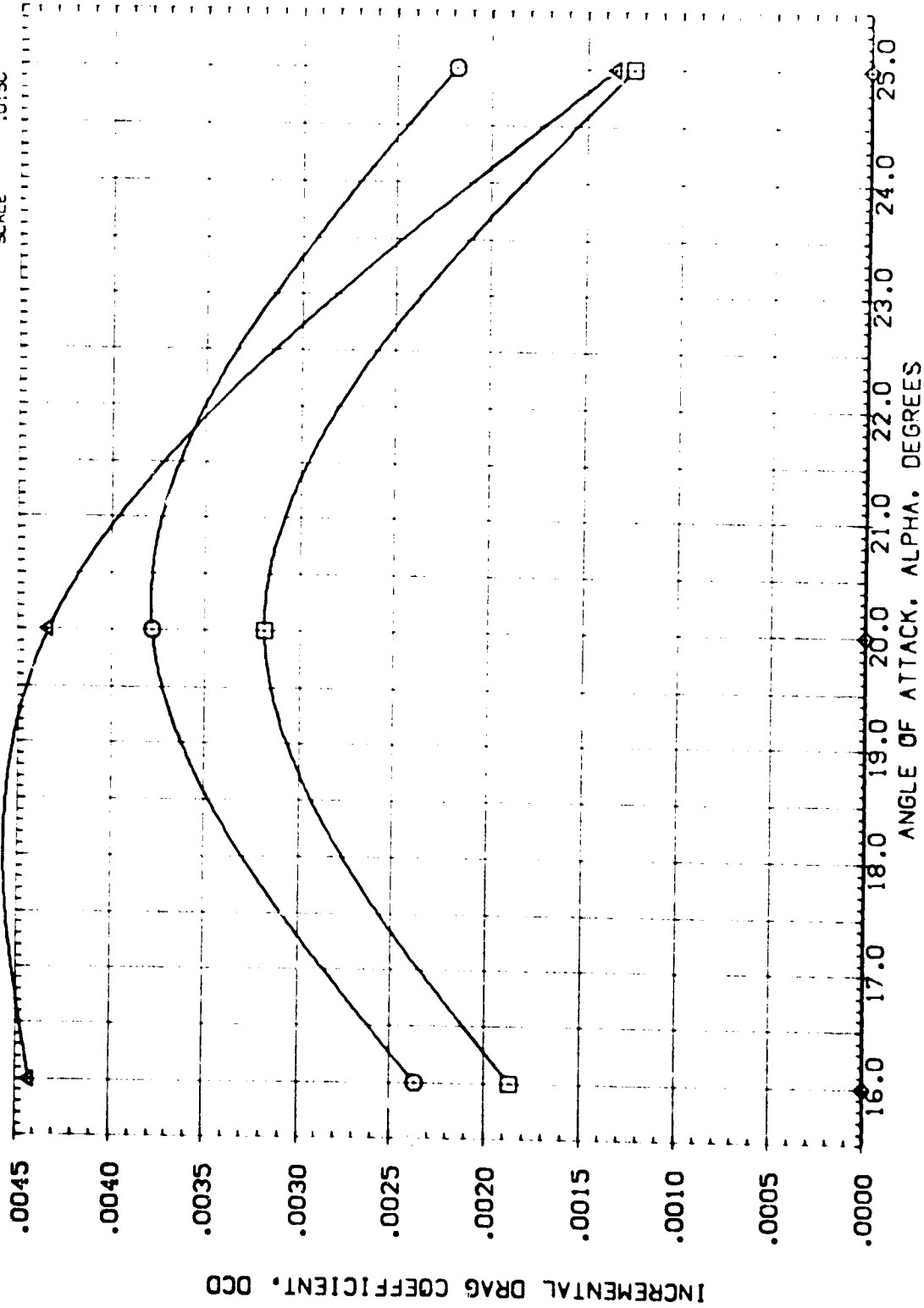


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A) MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION DISPRK ELEVTR BDFLAP RUDDER REFERENCE INFORMATION

[HTN089]	AEDC V4474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	-55.000	.000	-11.700	.000	SREF 87.1500	SO IN
[HTN090]	AEDC V4474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	-30.000	.000	-11.700	.000	LREF 71.220	NC-H S
[HTN091]	AEDC V4474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	.000	.000	-11.700	.000	SREF 14.0520	NC-H S
[HTN092]	AEDC V4474(CA77/78) (B26C9F7M7) (V116E26) (V8R5)	30.000	.000	-11.700	.000	YREF 12.6250	NC-H S
						YREF .0000	NC-H S
						YREF -37.50	NC-H S
						SCALE 10.50	

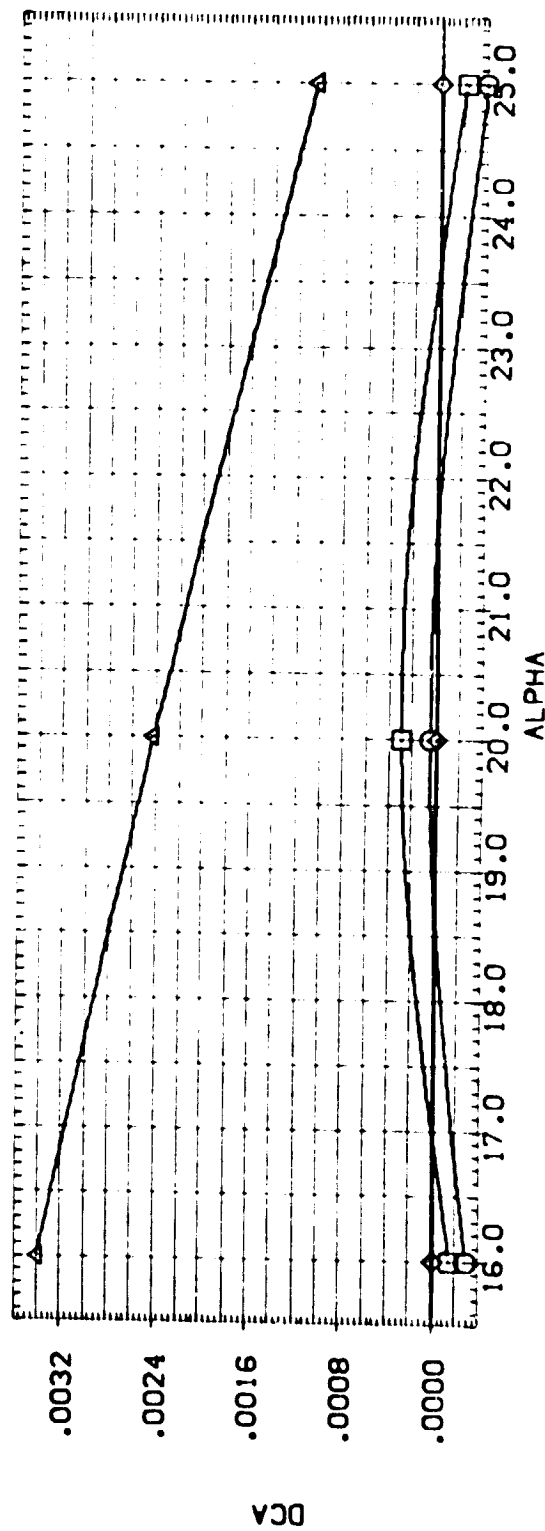
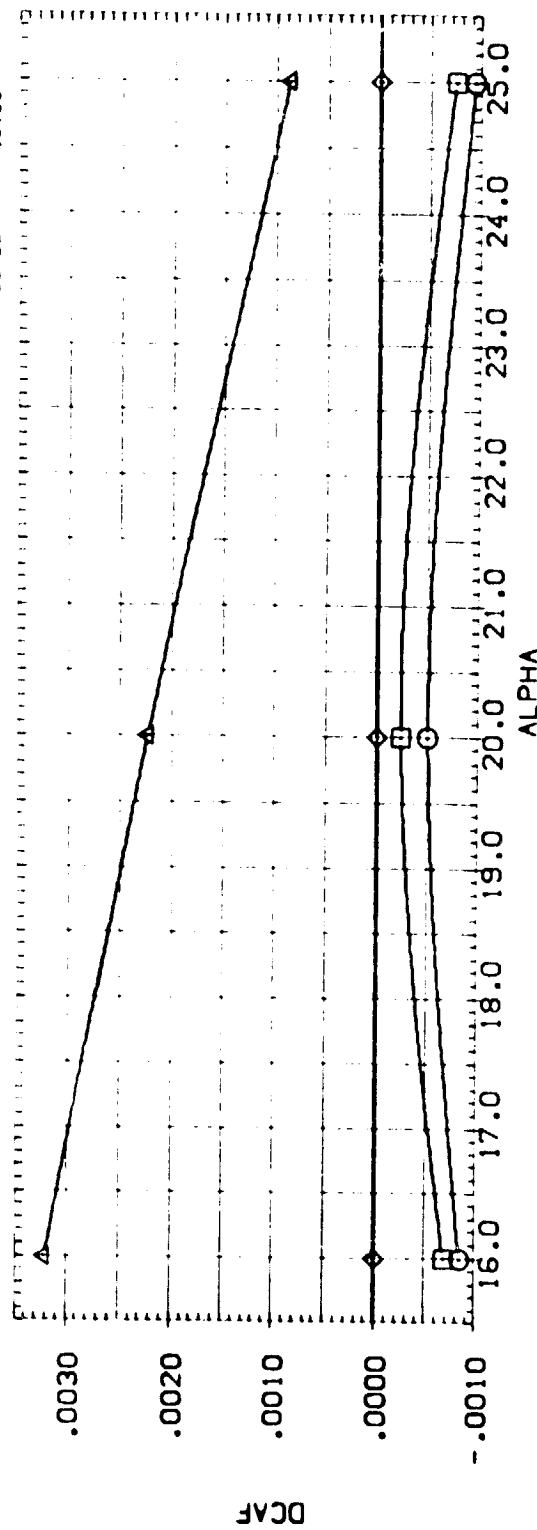


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION. MACH= 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DSPBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
(MNO89)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V895)	-55.000	.000	-11.700	.000	SREF 87.1560 SO IN.
(MNO90)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V895)	-30.000	.000	-11.700	.000	LREF 7.1220 INCHES
(MNO11)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V895)	.000	.000	-11.700	.000	SREF 14.0520 INCHES
(MNO91)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V895)	30.000	.000	-11.700	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

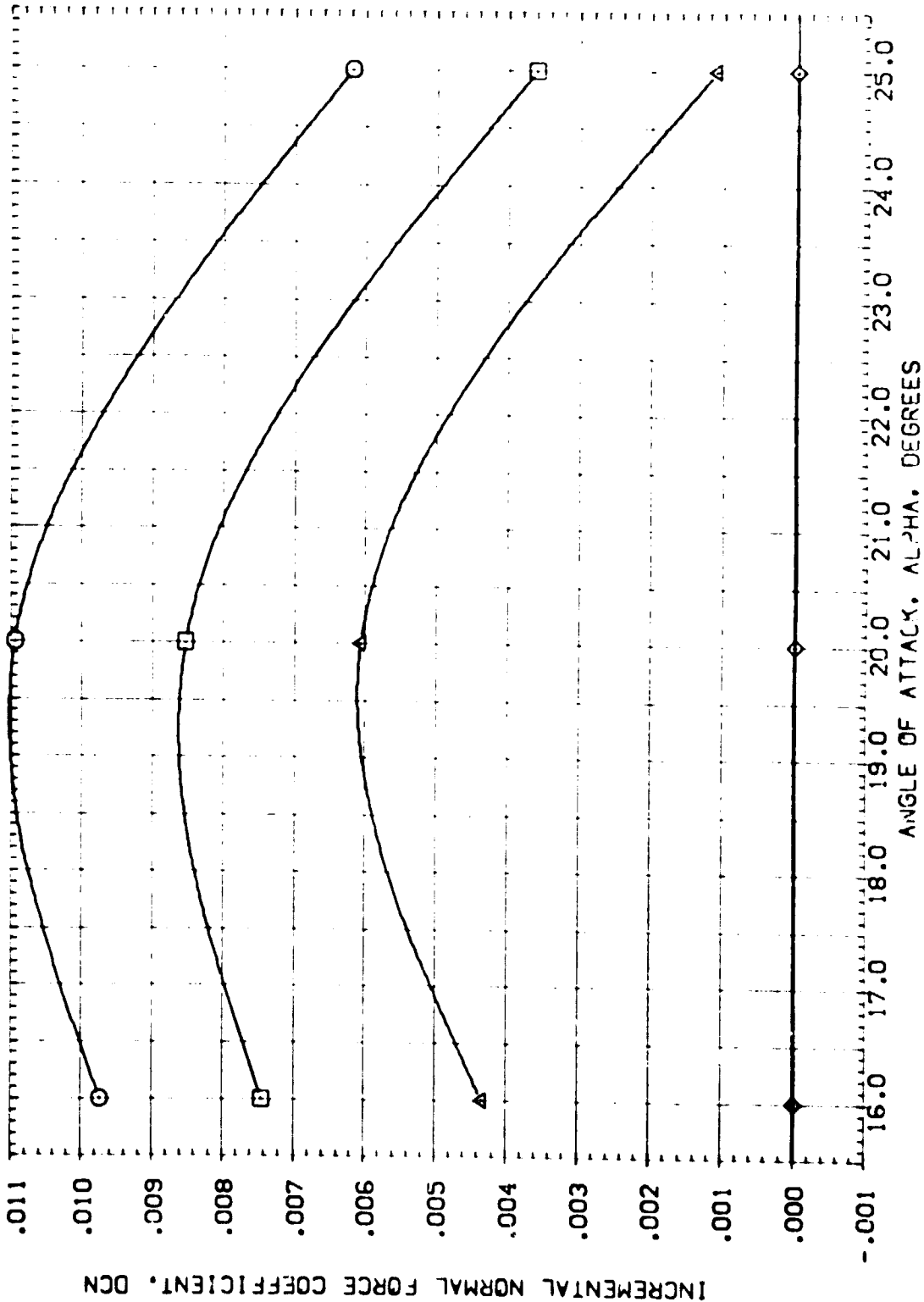


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DSPBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
(HTN089)	AEDC VA474 (DA77/78) (826C9F747) (V116E26) (V8RS)	-55.000	.000	-11.700	.000	SREF 67.1560 INCHES
(HTN090)	AEDC VA474 (DA77/78) (826C9F747) (V116E26) (V8RS)	-30.000	.000	-11.700	.000	LREF 14.0520 INCHES
(HTN091)	AEDC VA474 (DA77/78) (826C9F747) (V116E26) (V8RS)	30.000	.000	-11.700	.000	YMRP 12.6250 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

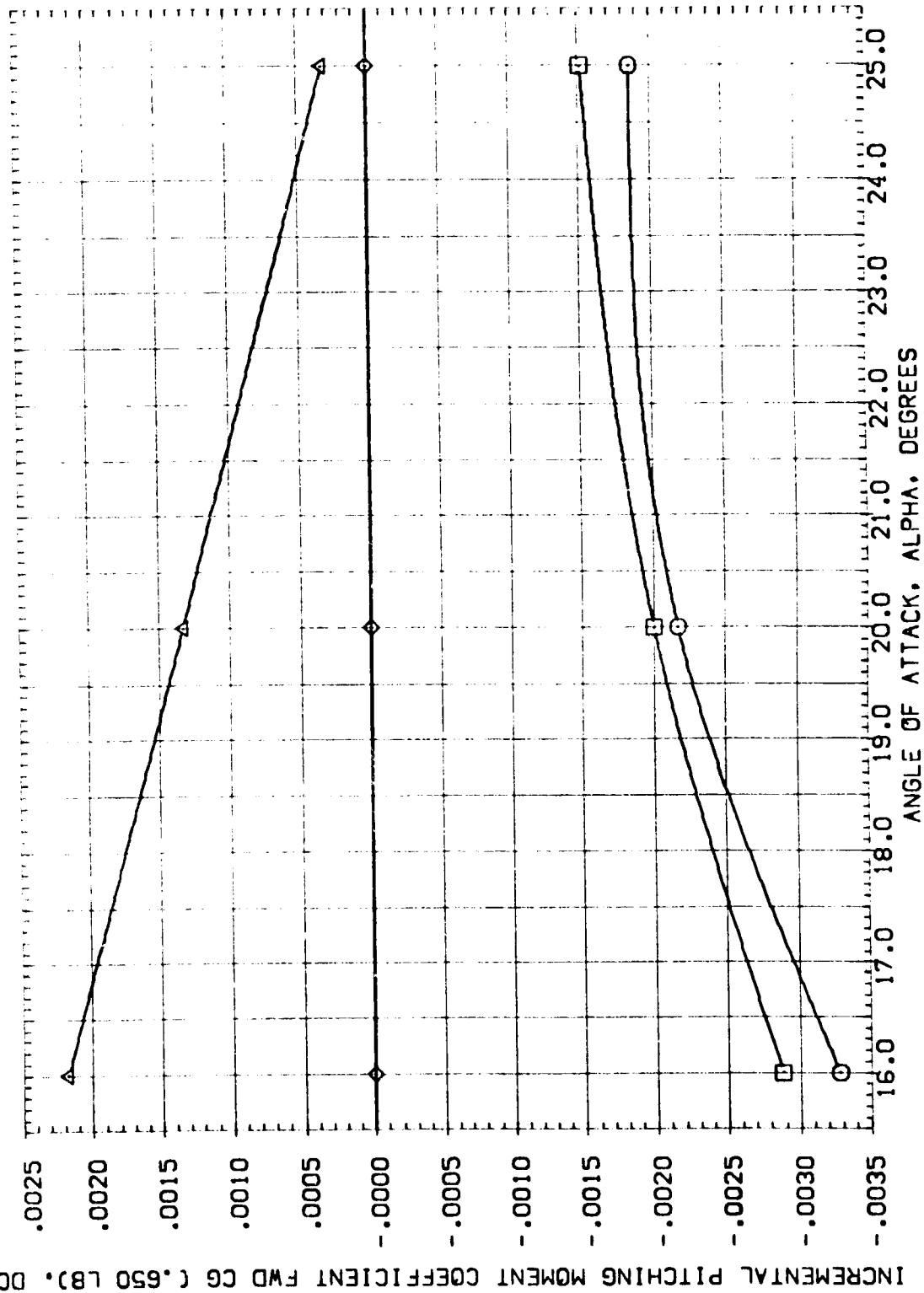


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0
(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DSPBRK	ELEVTR	BOFLAP	RUDDER	REFERENCE INFORMATION
(HTND09)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-55.000	.000	-11.700	.000	SREF 07.1560 SQ. IN.
(HTND09)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-30.000	.000	-11.700	.000	LREF 12.1220 INCHES
(HTND09)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	.000	-11.700	.000	BREF 14.0520 INCHES
(HTND09)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	30.000	.000	-11.700	.000	XMRP 12.6730 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

INCREMENTAL PITCHING MOMENT COEFFICIENT AFT CG (.675 LB), DCLMAF

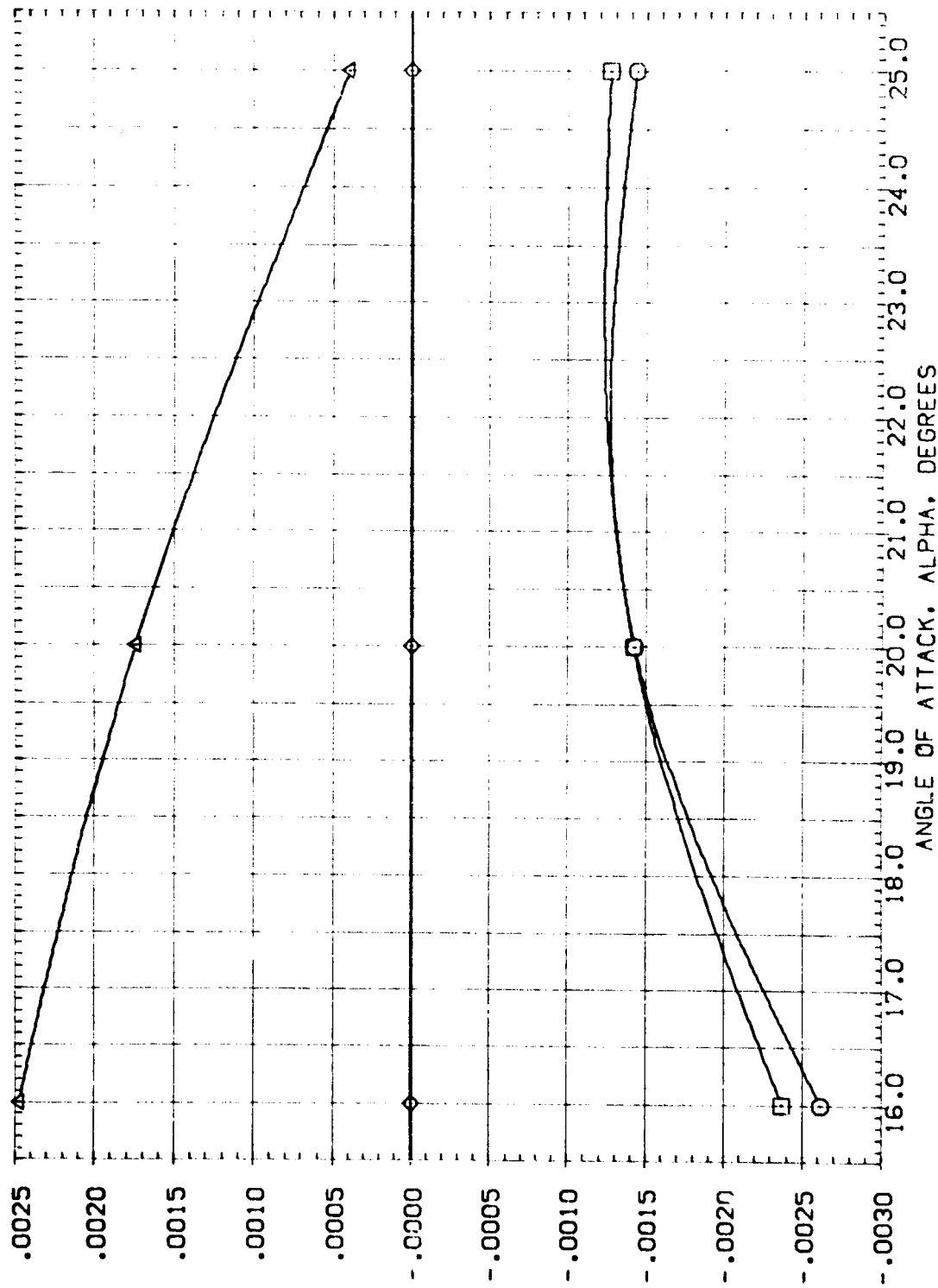


FIG 10 EFFECT OF SPEED BRAKE DEFLECTION, MACH= 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(ATN011)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8RS)	.000	.000	-11.700	55.000	SREF 87.1560 INCHES
(ATN087)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8RS)	-10.000	.000	-11.700	55.000	LREF 7.1220 INCHES
(ATN088)	AEDC VA474(0477/78) (B26C9F7M7)(V116E26)(V8RS)	-20.000	.000	-11.700	55.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0:50

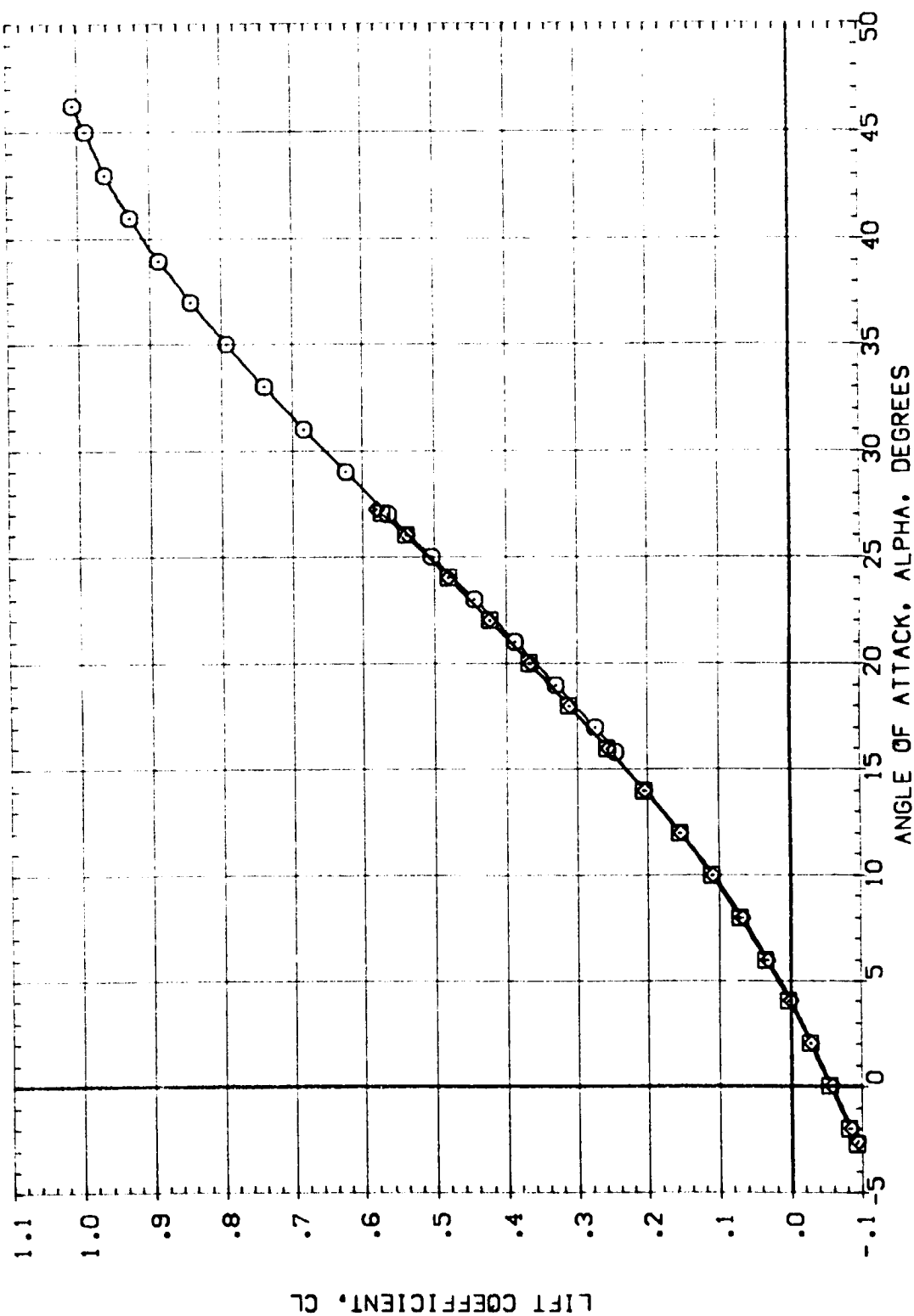


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPOBKK	REFERENCE INFORMATION
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26) (V8R5)	.000	.000	-11.700	55.000	SREF 87.1563 50.1 IN.
(ATN087)	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26) (V8R5)	-10.000	.000	-11.700	55.000	LREF 7.1223 INCHES
(ATN088)	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26) (V8R5)	-20.000	.000	-11.700	55.000	BREF 14.0523 INCHES
						XMRP 2.6253 INCHES
						YMRP .0003 INCHES
						ZMRP -.3753 INCHES
						SCALE .0150

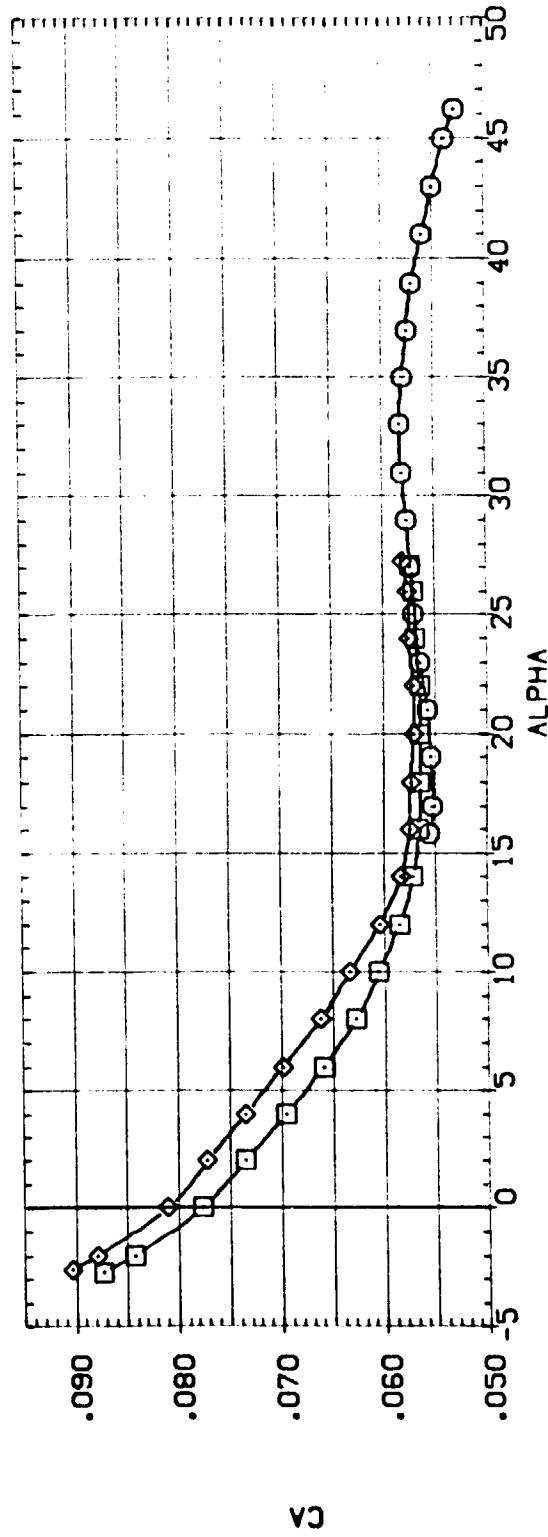
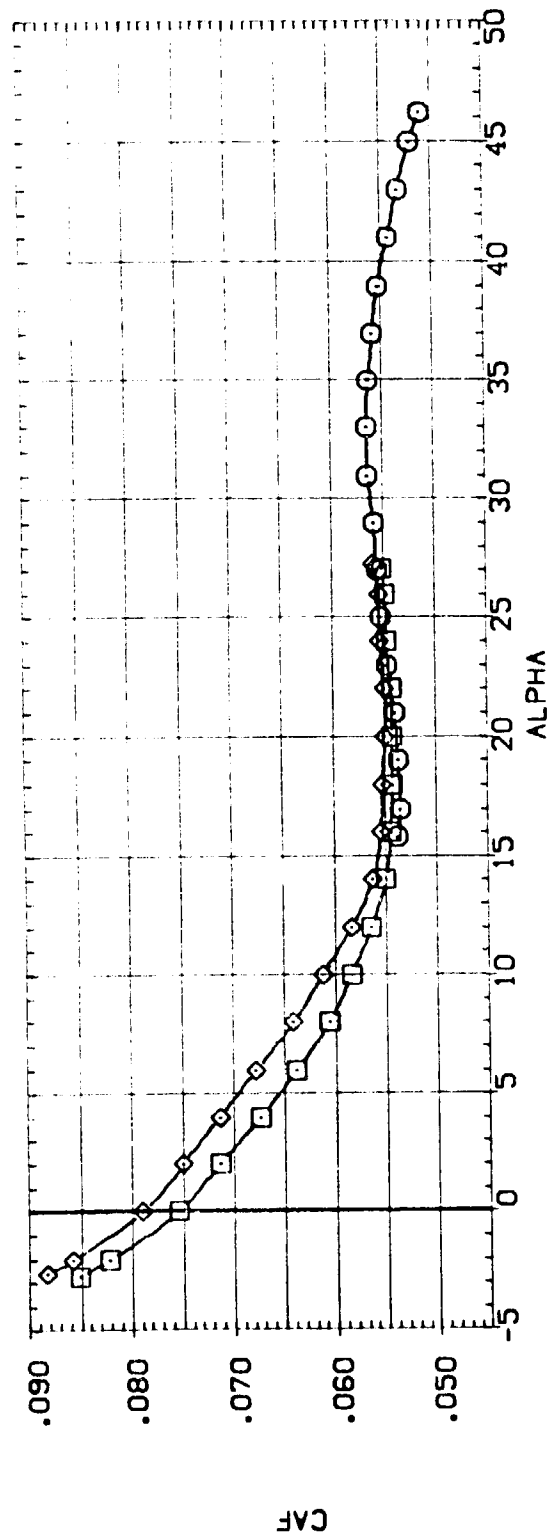


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
[ATN011]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	.000	-11.700	55.000	SREF 87.1560 SQ. IN.
[ATN087]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-10.000	.000	-11.700	55.000	LREF 7.1220 INCHES
[ATN088]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	-20.000	.000	-11.700	55.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150 INCHES

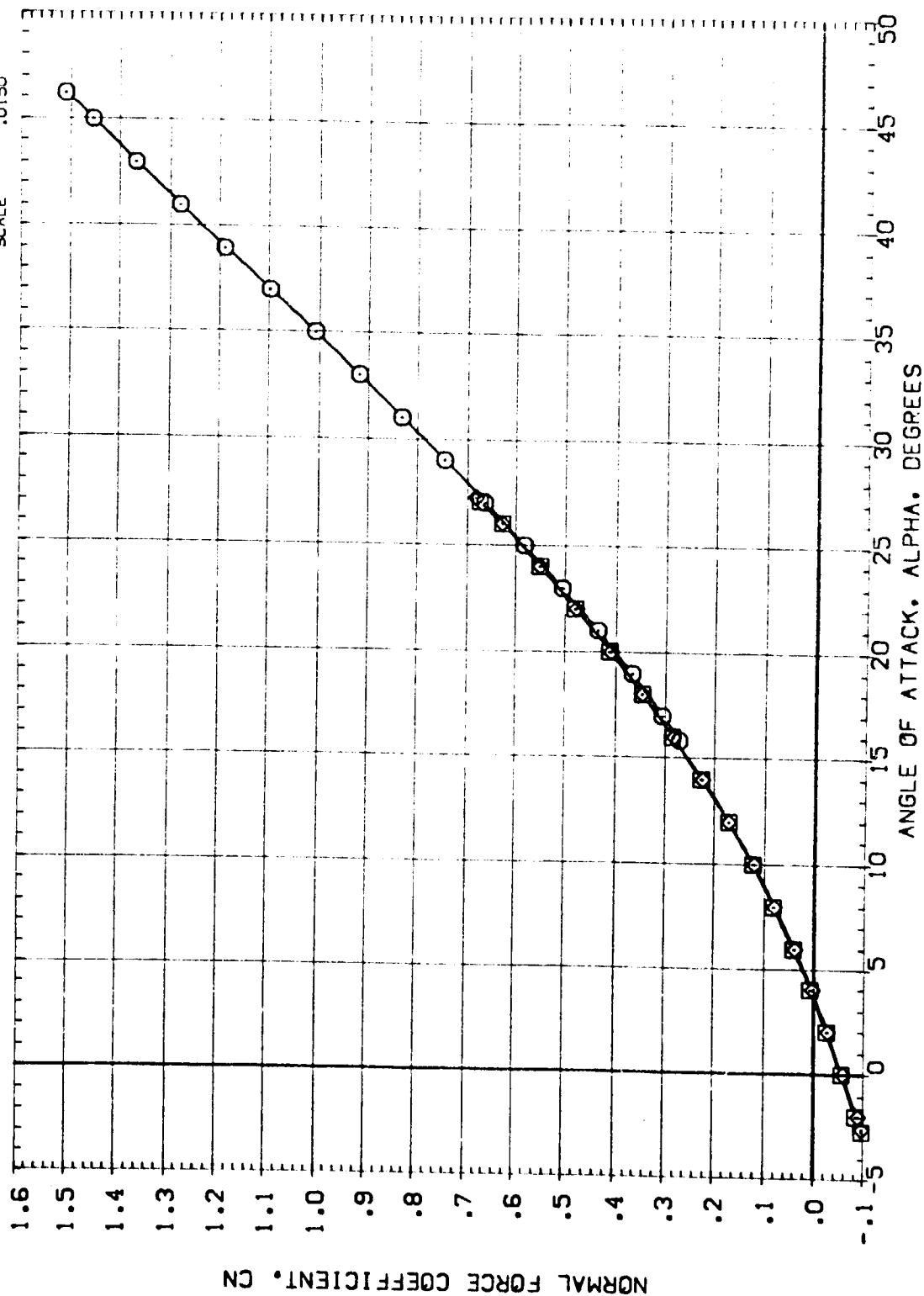


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(ATNG11)	AEDC VAA74 (0A77/78) (B26C9F747) (V116E26) (V8R5)	.000	.000	-11.700	55.000	SREF 87.1550 SQ. IN.
(ATNG87)	AEDC VAA74 (0A77/78) (B26C9F747) (V116E26) (V8R5)	-10.000	.000	-11.700	55.000	SREF 71.1220 INCHES
(ATNG88)	AEDC VAA74 (0A77/78) (B26C9F747) (V116E26) (V8R5)	-20.000	.000	-11.700	55.000	SREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

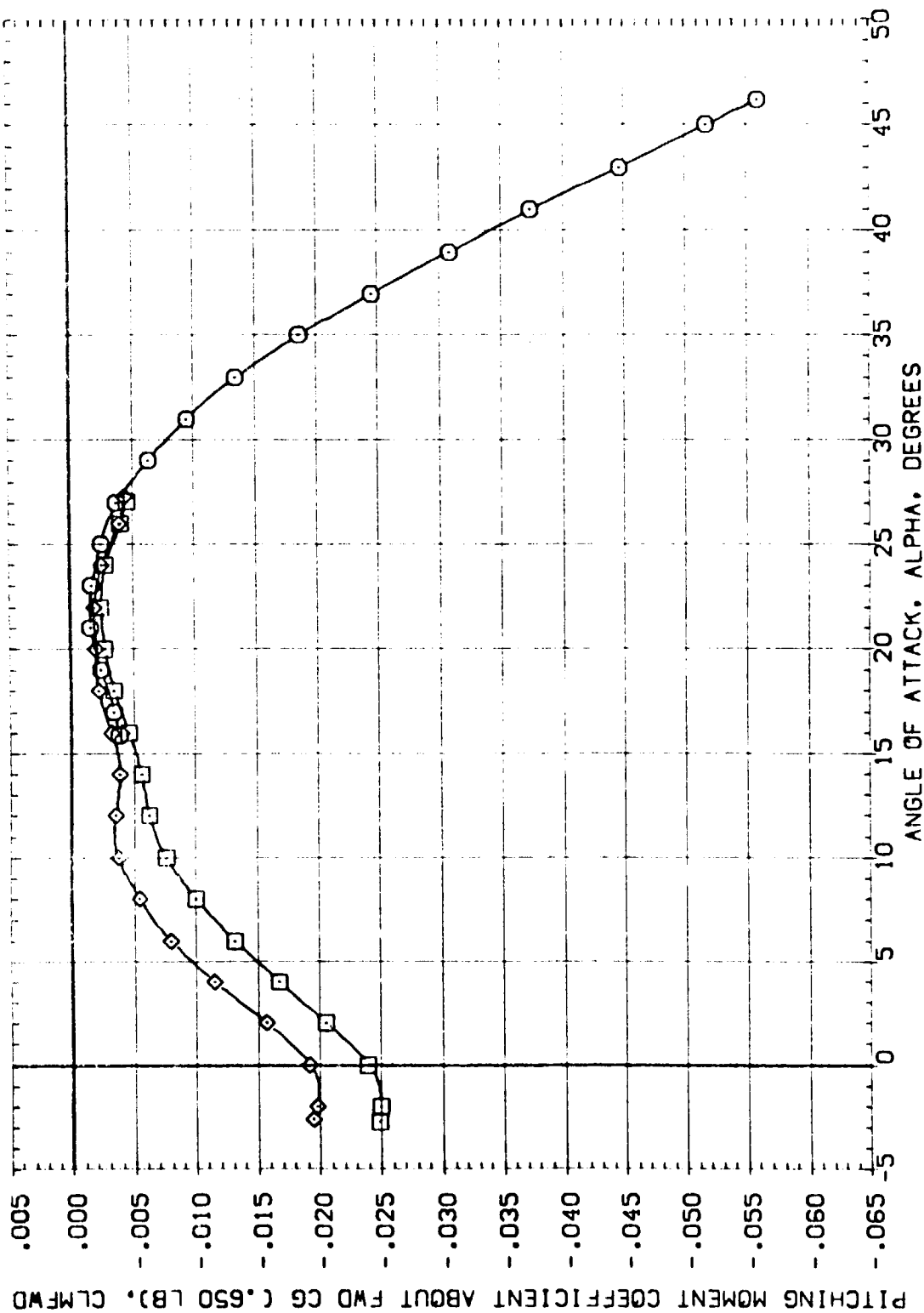


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(ATN011)	AEDC VA474(OA77/78) (B26CSF7H7)(W11E26)(VBR5)	.000	.000	-11.700	55.000	SREF 87.1560 SO, IN.
(ATN087)	AEDC VA474(OA77/78) (B26CSF7H7)(W11E26)(VBR5)	-10.000	.000	-11.700	55.000	LREF 7.1220 INCHES
(ATN088)	AEDC VA474(OA77/78) (B26CSF7H7)(W11E26)(VBR5)	-20.000	.000	-11.700	55.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .3750 INCHES

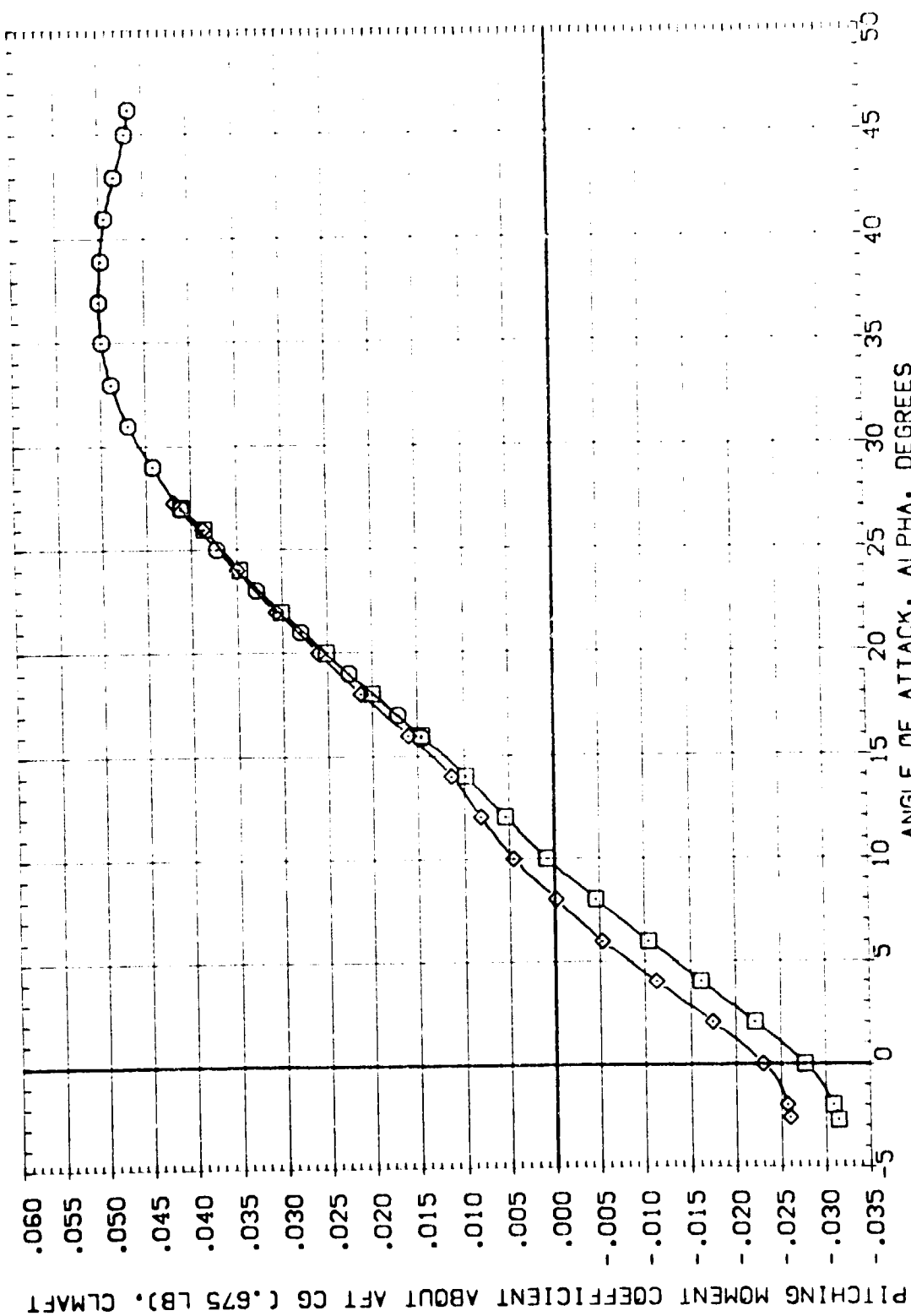


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(ATN011)	AEDC VA474(CA77/78) (B76C9F7M7)(M116E26)(VBR5)	.000	.000	-11.700	55.000	SREF 87.1550 SQ.FT.
(ATN087)	AEDC VA474(CA77/78) (B76C9F7M7)(M116E26)(VBR5)	-10.000	.000	-11.700	55.000	LREF 7.1220 INCHES
(ATN088)	AEDC VA474(CA77/78) (B76C9F7M7)(M116E26)(VBR5)	-20.000	.000	-11.700	55.000	BREF 14.0520 INCHES
						XMRP 12.6230 INCHES
						YMRP .0030 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

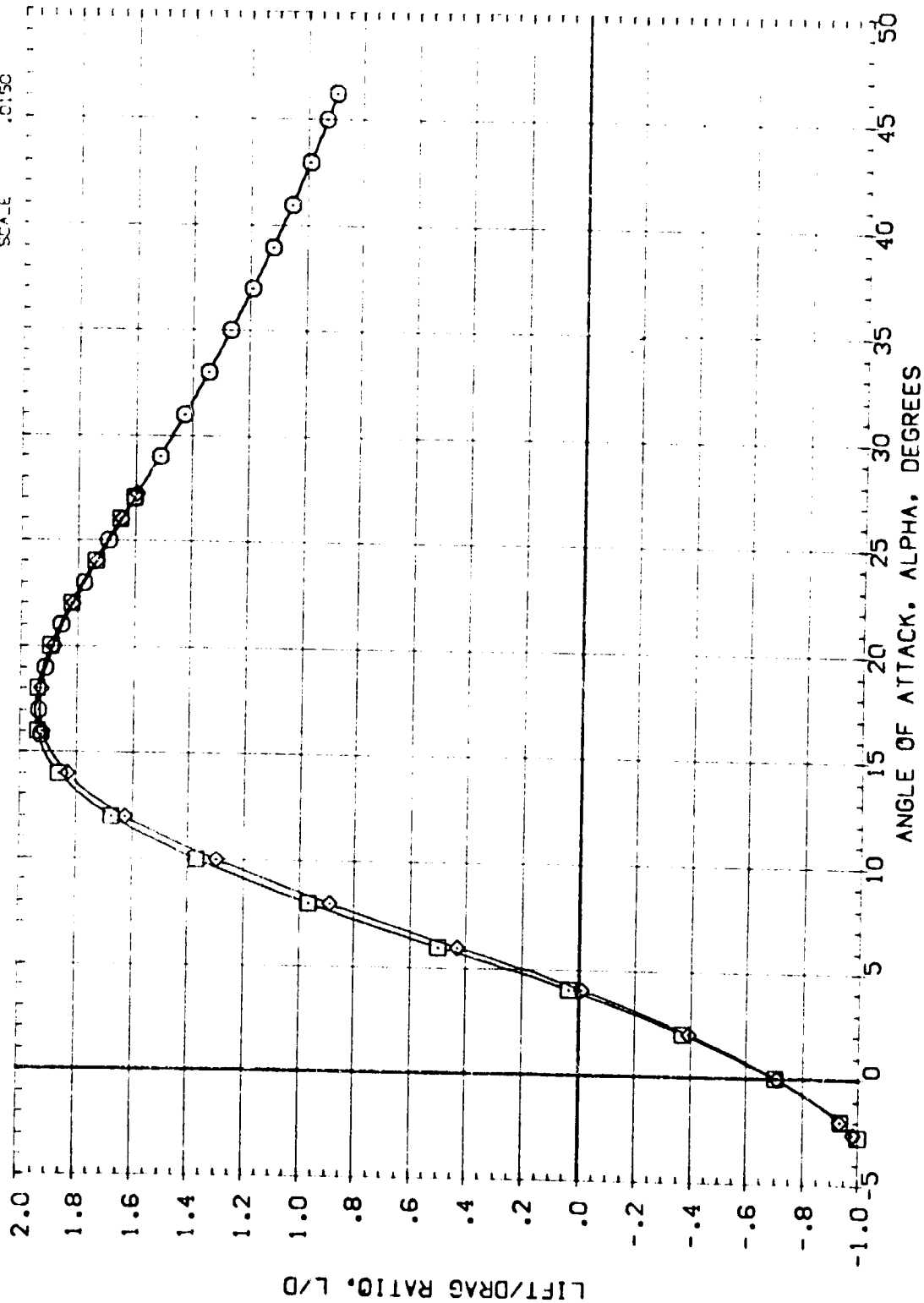
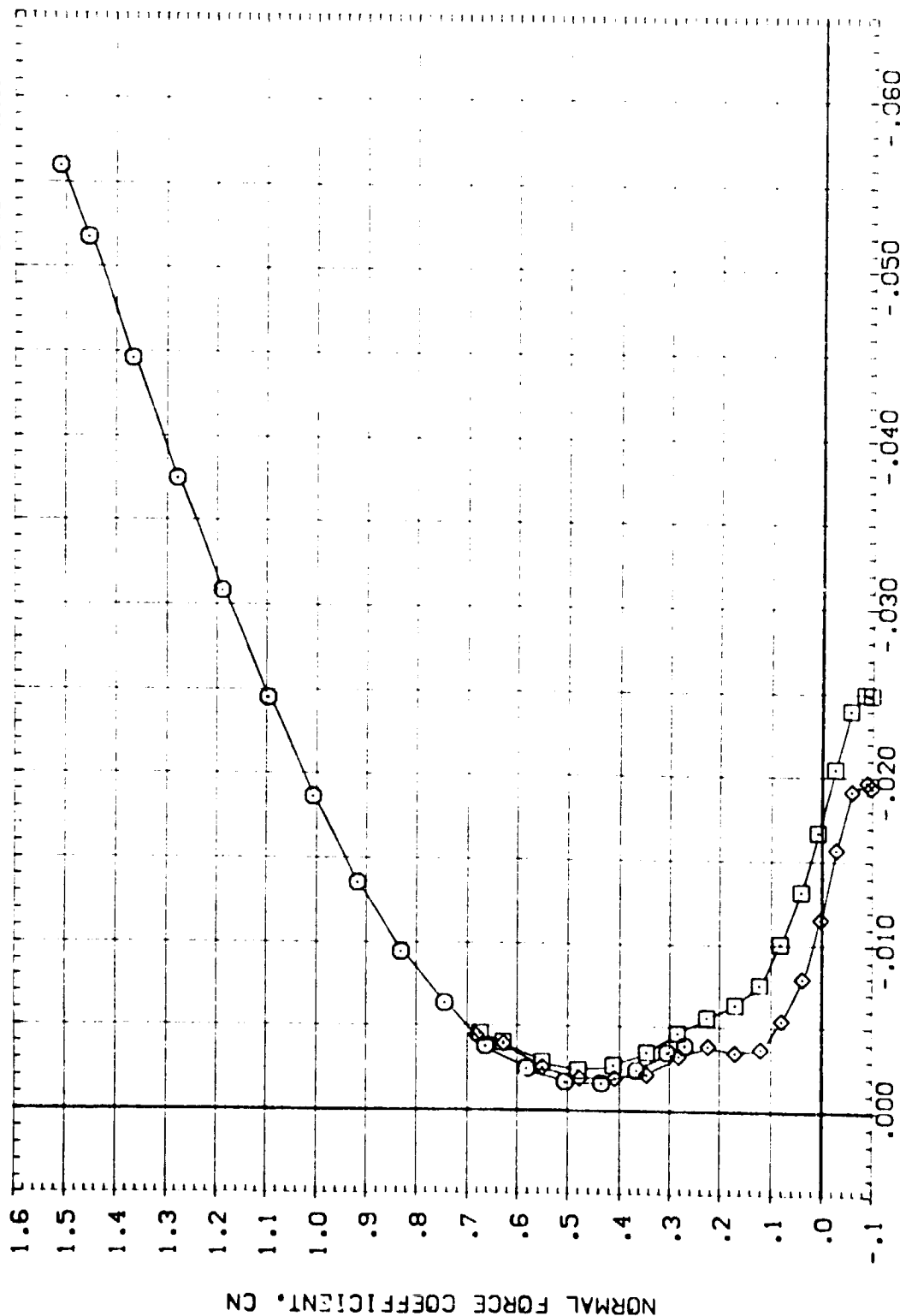


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
[ATN011]	AEDC VA474(0A77/78) (B26C9F7H7)(V116E26)(V8R5)	.000	.000	-11.700	55.000	SREF 87.1560
[ATN087]	AEDC VA474(0A77/78) (B26C9F7H7)(V116E26)(V8R5)	-10.000	.000	-11.700	55.000	LREF 7.1320
[ATN088]	AEDC VA474(0A77/78) (B26C9F7H7)(V116E26)(V8R5)	-20.000	.000	-11.700	55.000	BREF 14.0520
						XMRP 12.6250
						YMRP .0000
						ZMRP -.3750
						SCALE 0.150



PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB), CLMEWD

FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(MACH = 8.00)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(A14011)	AEDC VA474(0A77/78) (B16057M7)(W116E26)(V8R5)	.000	.000	-11.700	55.000	SREF 87.1560 SO.IN.
(A14087)	AEDC VA474(0A77/78) (B16057M7)(W116E26)(V8R5)	-10.000	.000	-11.700	55.000	LREF 7.1230 INCHES
(A14088)	AEDC VA474(0A77/78) (B16057M7)(W116E26)(V8R5)	-20.000	.000	-11.700	55.000	BREF 14.0520 INCHES
						YMRD 12.6130 INCHES
						ZMRD .0000 INCHES
						SCALE -1.3750 INCHES

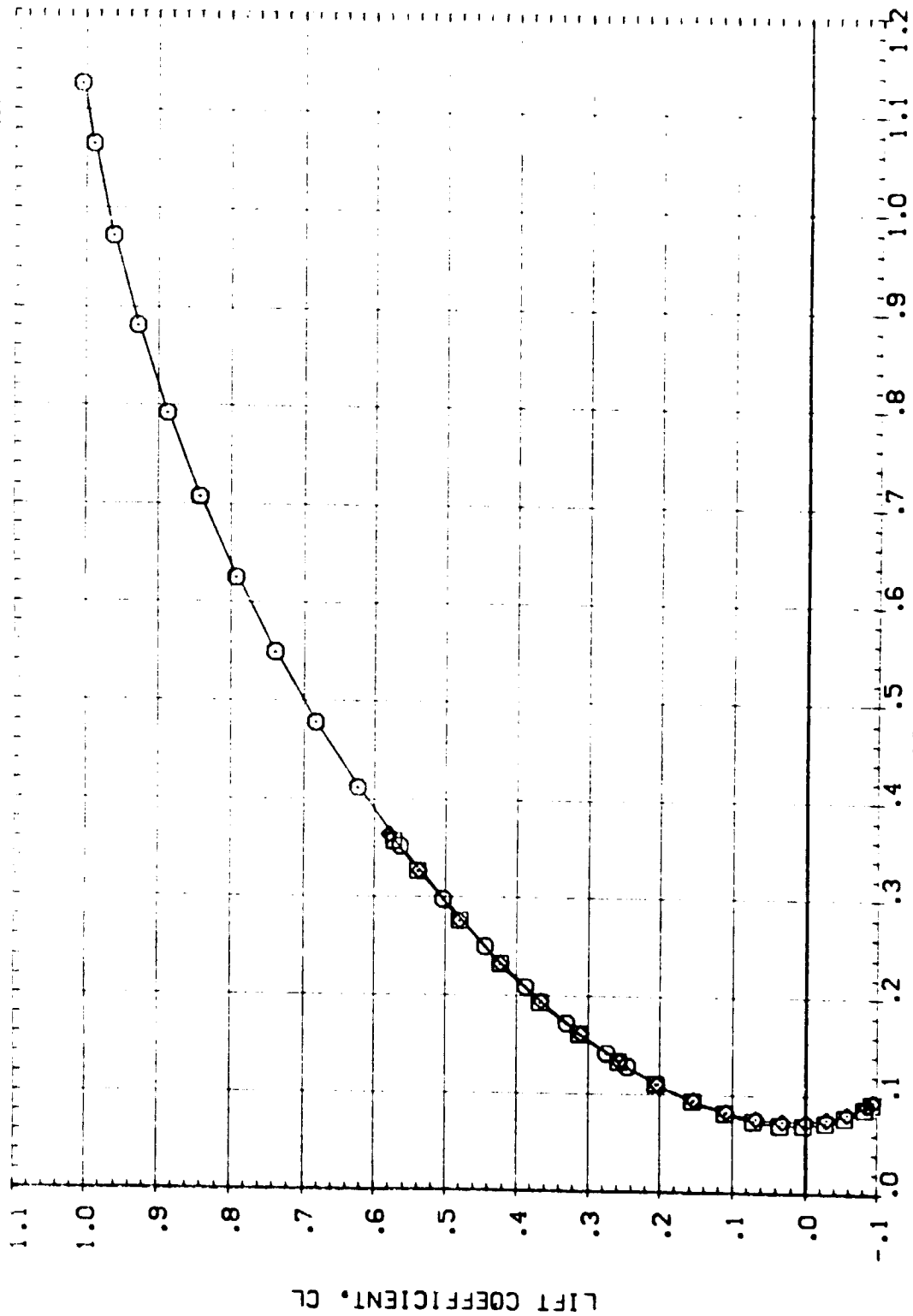


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RUDDER	ELEVTR	BOFLAP	SP08RK	REFERENCE INFORMATION
[ATN011]	AEDC VA474(GA77/78) (B26C9F7H7)(V116E26)(V8R5)	.000	.000	-11.700	55.000	SREF 87.1560 50.1N
[ATN087]	AEDC VA474(GA77/78) (B26C9F7H7)(V116E26)(V8R5)	-10.000	.000	-11.700	55.000	LREF 7.1220 1NCHES
[ATN088]	AEDC VA474(GA77/78) (B26C9F7H7)(V116E26)(V8R5)	-20.000	.000	-11.700	55.000	BREF 14.0520 1NCHES
						YPR0 12.6250 1NCHES
						ZPR0 .0000 1NCHES
						SCALE .0150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

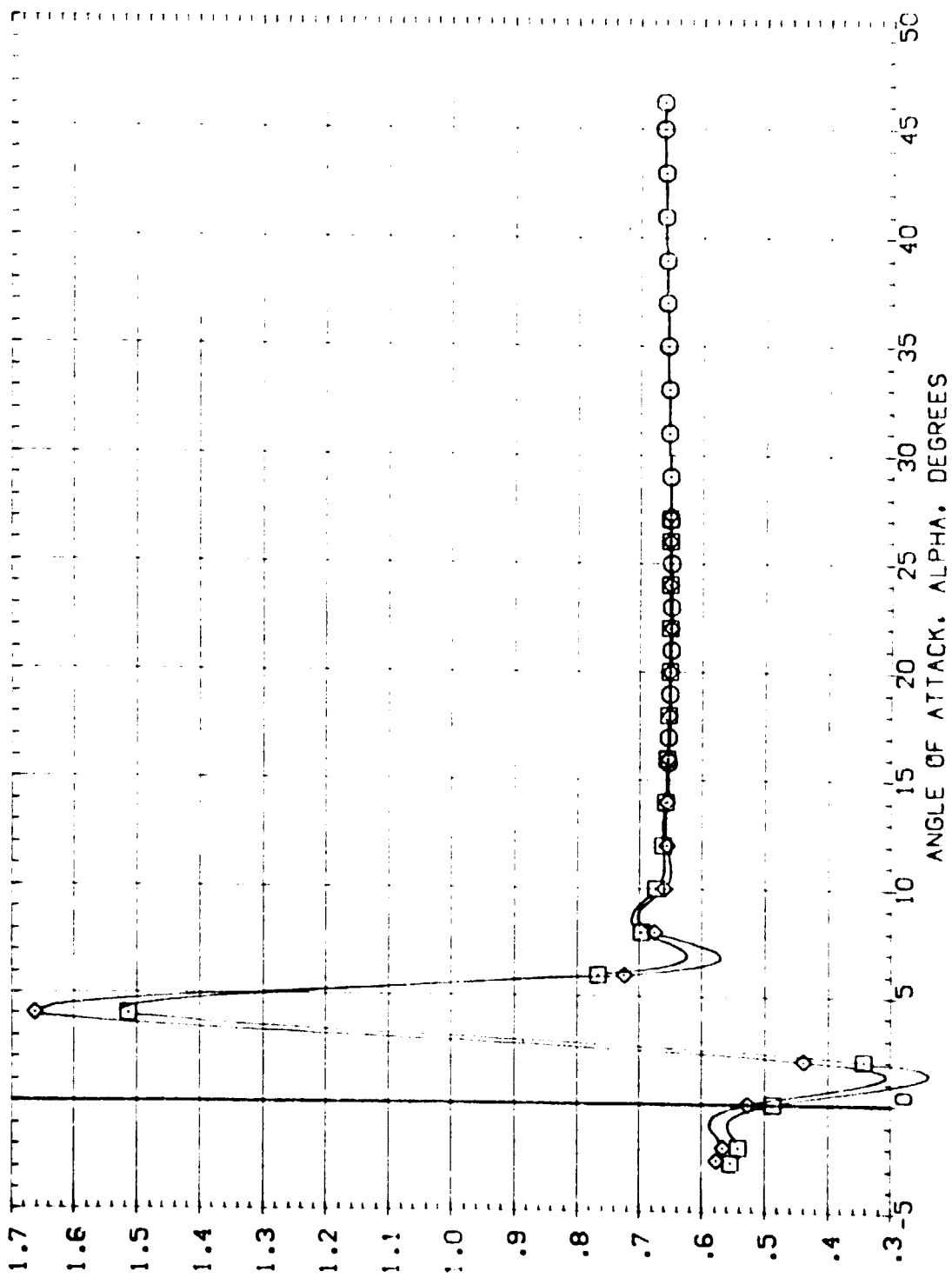


FIG 11 EFFECT OF RUDDER DEFLECTION, MACH = 8.0

(A) MACH = 8.00

[illegible]

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOLAP	ELEVTR	SPDRM	REFERENCE INFORMATION
[R1Q15]	AEDC VA174(0A77/78) (B26C9F7M7)(V116E26)(V8K5)	20.000	-11.700	.000	55.000	SRES 87.1560
[R1Q16]	AEDC VA174(0A77/78) (B26C9F7M7)(V116E26)(V8K5)	20.000	-11.700	.000	55.000	LREF 7.1220
[R1Q17]	AEDC VA174(0A77/78) (B26C9F7M7)(V116E26)(V8K5)	30.000	-11.700	.000	55.000	BREF 14.0520
[R1Q18]	AEDC VA174(0A77/78) (B26C9F7M7)(V116E26)(V8K5)	35.000	-11.700	.000	55.000	YMRP 12.6220
						ZMRP .0000
						SCALE .0150

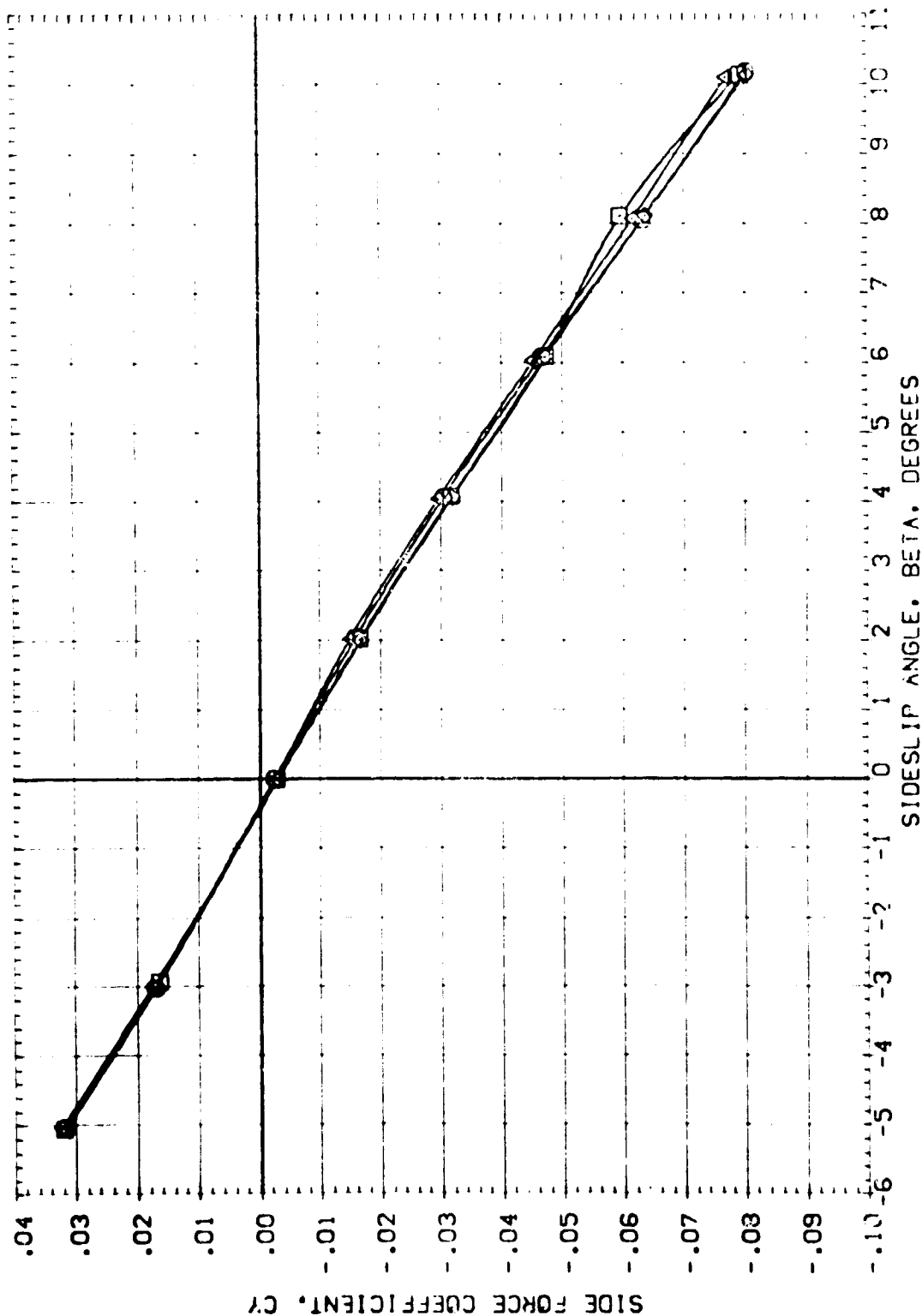


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(3)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPOBKN	REFERENCE INFORMATION
(RTN)5)	AEDC VA474(CA77/7B) (B26C9F7M7) (V11SE26) (VB95)	20.000	-11.700	.000	55.000	SREC 87.1563 SO IN
(RTN)6)	AEDC VA474(CA77/7B) (B26C9F7M7) (V11SE26) (VB95)	25.000	-11.700	.000	55.000	LREF 7.1122 NCHE S
(RTN)7)	AEDC VA474(CA77/7B) (B26C9F7M7) (V11SE26) (VB95)	30.000	-11.700	.000	55.000	SREF 14.0220 NCHE S
(RTN)8)	AEDC VA474(CA77/7B) (B26C9F7M7) (V11SE26) (VB95)	35.000	-11.700	.000	55.000	YMRD 12.6250 NCHE S
						ZMRD .0000 NCHE S
						SCALE -1.3750 NCHE S

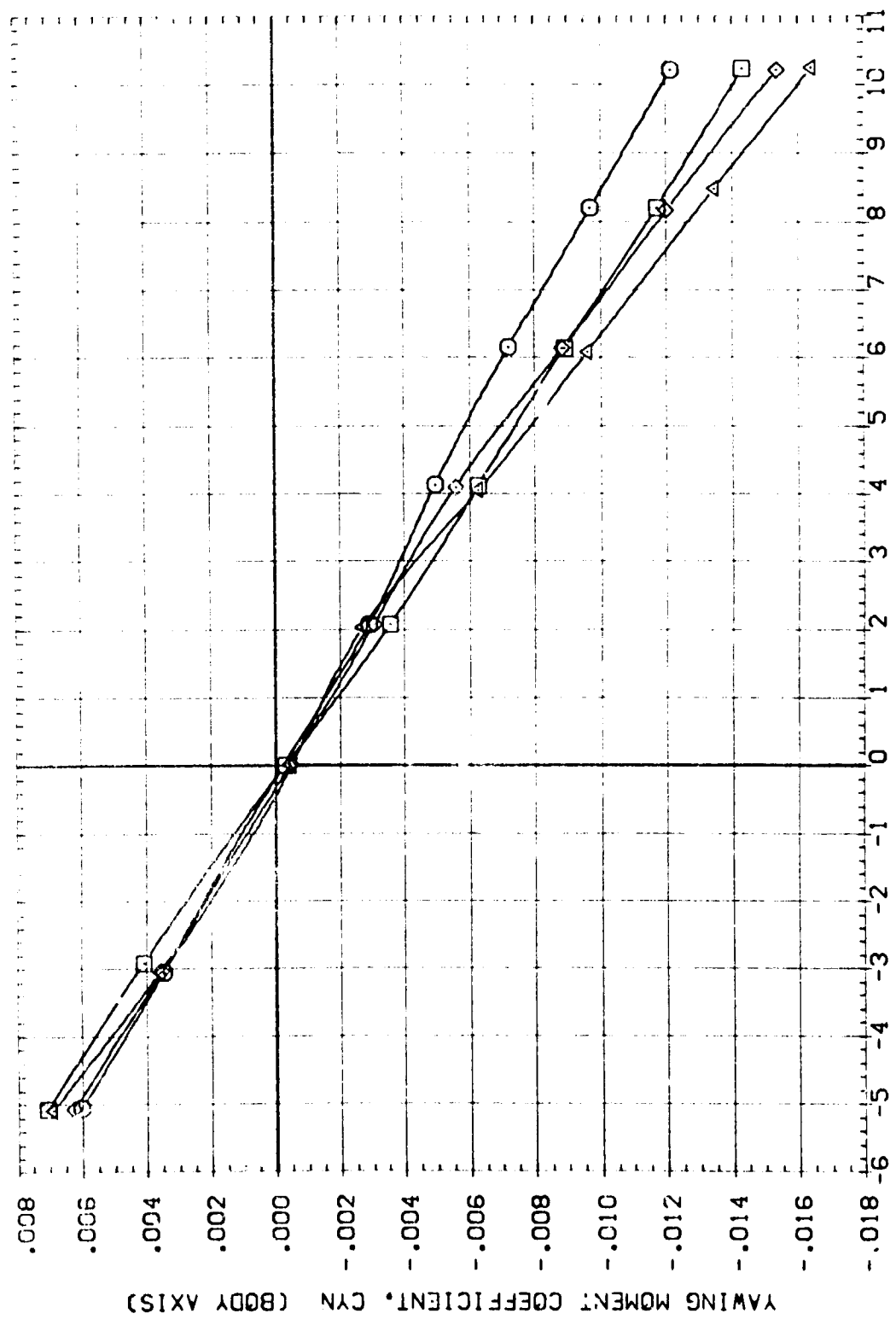


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPDRK	REFERENCE INFORMATION
(RTN015)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	20.000	-11.700	.000	55.000	SREF 87.1560 SO IN.
(RTN016)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	25.000	-11.700	.000	55.000	LREF 7.1220 INCHES
(RTN017)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	30.000	-11.700	.000	55.000	BREF 14.0520 INCHES
(RTN018)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	35.000	-11.700	.000	55.000	XMPP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

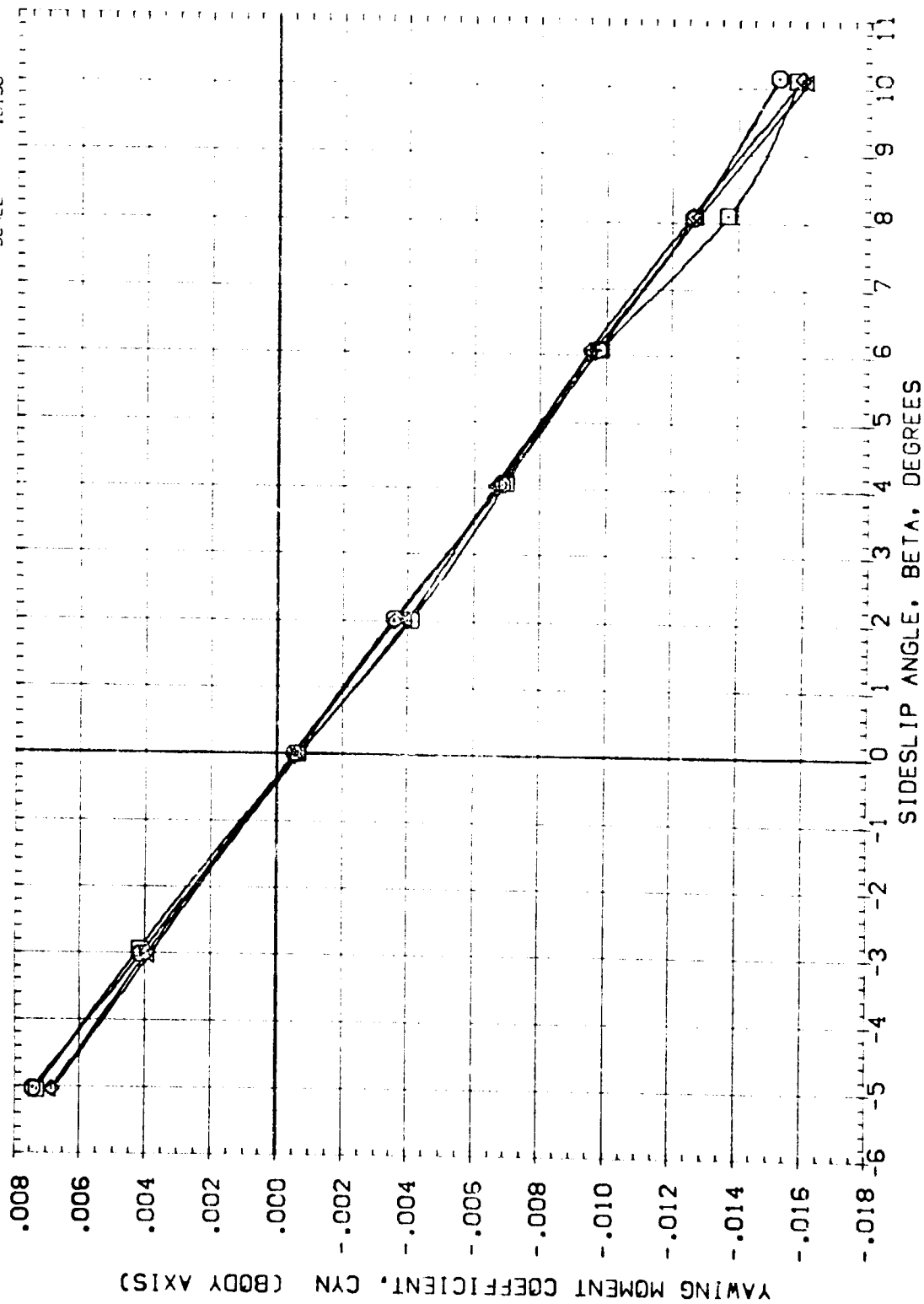


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(B)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPDBRK	REFERENCE INFORMATION
(RTN015)	AEDC VA474 (0477/78) (B26C97M7) (V118E28) (V815)	20.000	-11.700	.000	55.000	SREF 87.1560 SQ. IN.
(RTN016)	AEDC VA474 (0477/78) (B26C97M7) (V118E28) (V815)	25.000	-11.700	.000	55.000	LREF 7.1220 NCHES
(RTN017)	AEDC VA474 (0477/78) (B26C97M7) (V118E28) (V815)	30.000	-11.700	.000	55.000	BREF 14.0520 NCHES
(RTN018)	AEDC VA474 (0477/78) (B26C97M7) (V118E28) (V815)	35.000	-11.700	.000	55.000	XMRP 12.8250 NCHES
						YMRP .0000 NCHES
						ZMRP -.3750 NCHES
						SCALE .0150

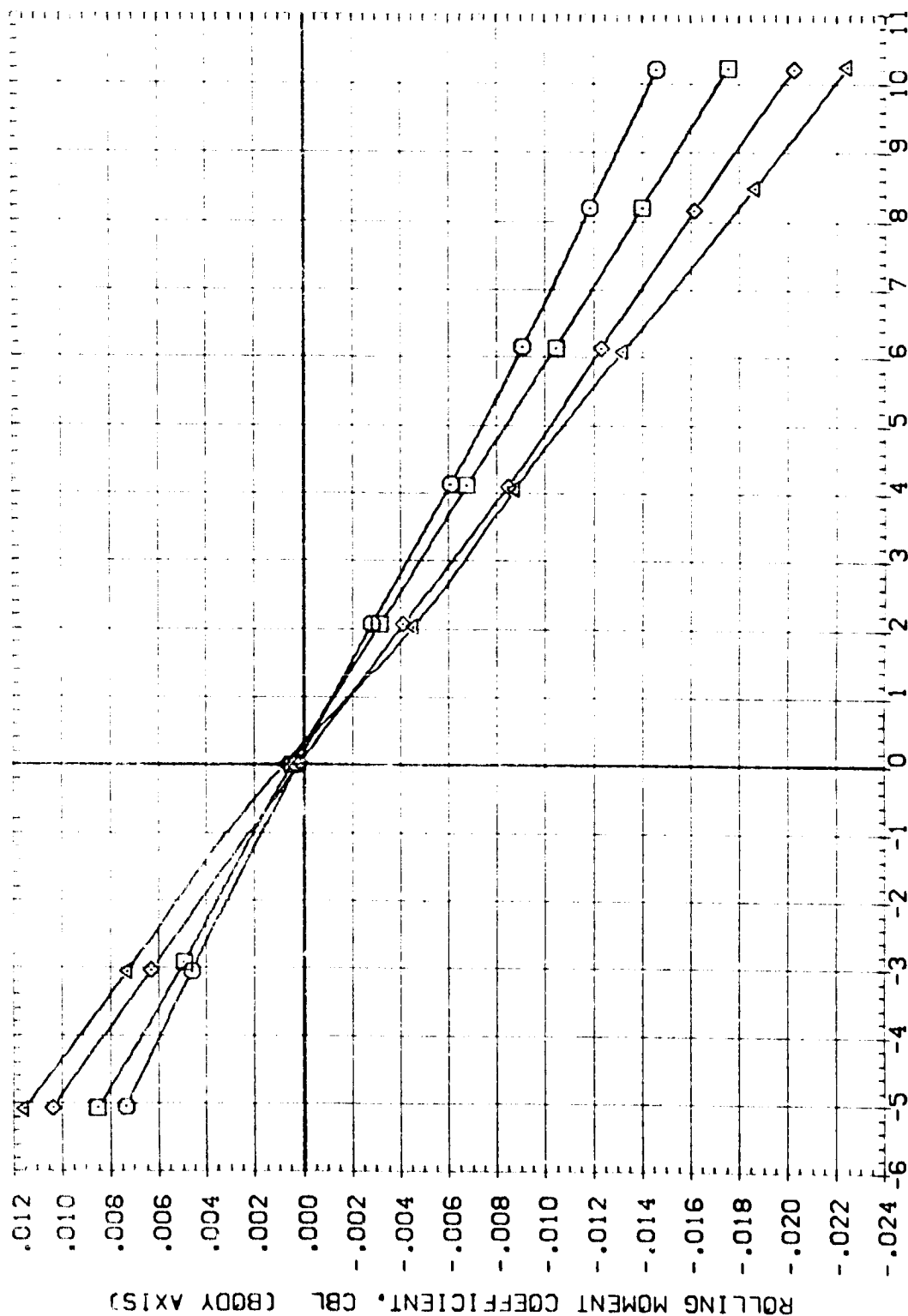


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(A)MACH = 5.35

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPDBRK	REFERENCE INFORMATION
(RTNO15)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	20.000	-11.700	.000	55.000	SREF 87.1560 INCHES
(RTNO16)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	25.000	-11.700	.000	55.000	LREF 7.1220 INCHES
(RTNO17)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	30.000	-11.700	.000	55.000	BREF 14.0520 INCHES
(RTNO18)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(V8R5)	35.000	-11.700	.000	55.000	YMRP 13.5250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150 INCHES

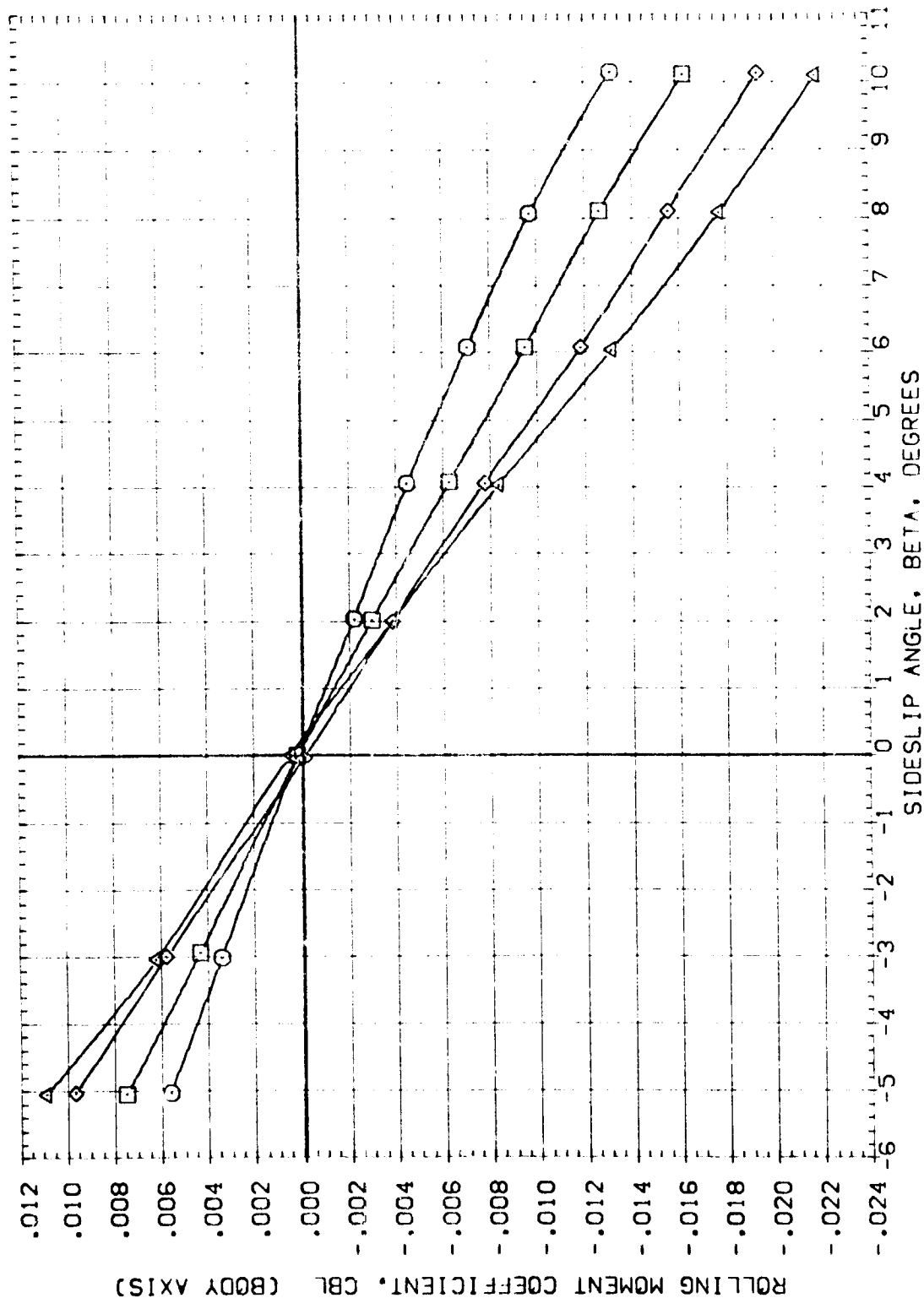


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(B)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPDBRK	REFERENCE INFORMATION
(RTN037)	AEDC V474 (0477/78) (B26507MP) (V16E26) (VBR5)	20.000	.000	.000	55.000	SREF 87.1563 50.11V
(RTN038)	AEDC V474 (0477/78) (B26507MP) (V16E26) (VBR5)	25.000	.000	.000	55.000	L4LF 7.1022 NCLES
(RTN039)	AEDC V474 (0477/78) (B26507MP) (V16E26) (VBR5)	30.000	.000	.000	55.000	BREF 14.0522 NCLES
(P-N030)	AEDC V474 (0477/78) (B26507MP) (V16E26) (VBR5)	35.000	.000	.000	55.000	XMRP 12.6233 NCLES
						YMRP .0000 NCLES
						ZMRP -.3753 NCLES
						SCALE .0151

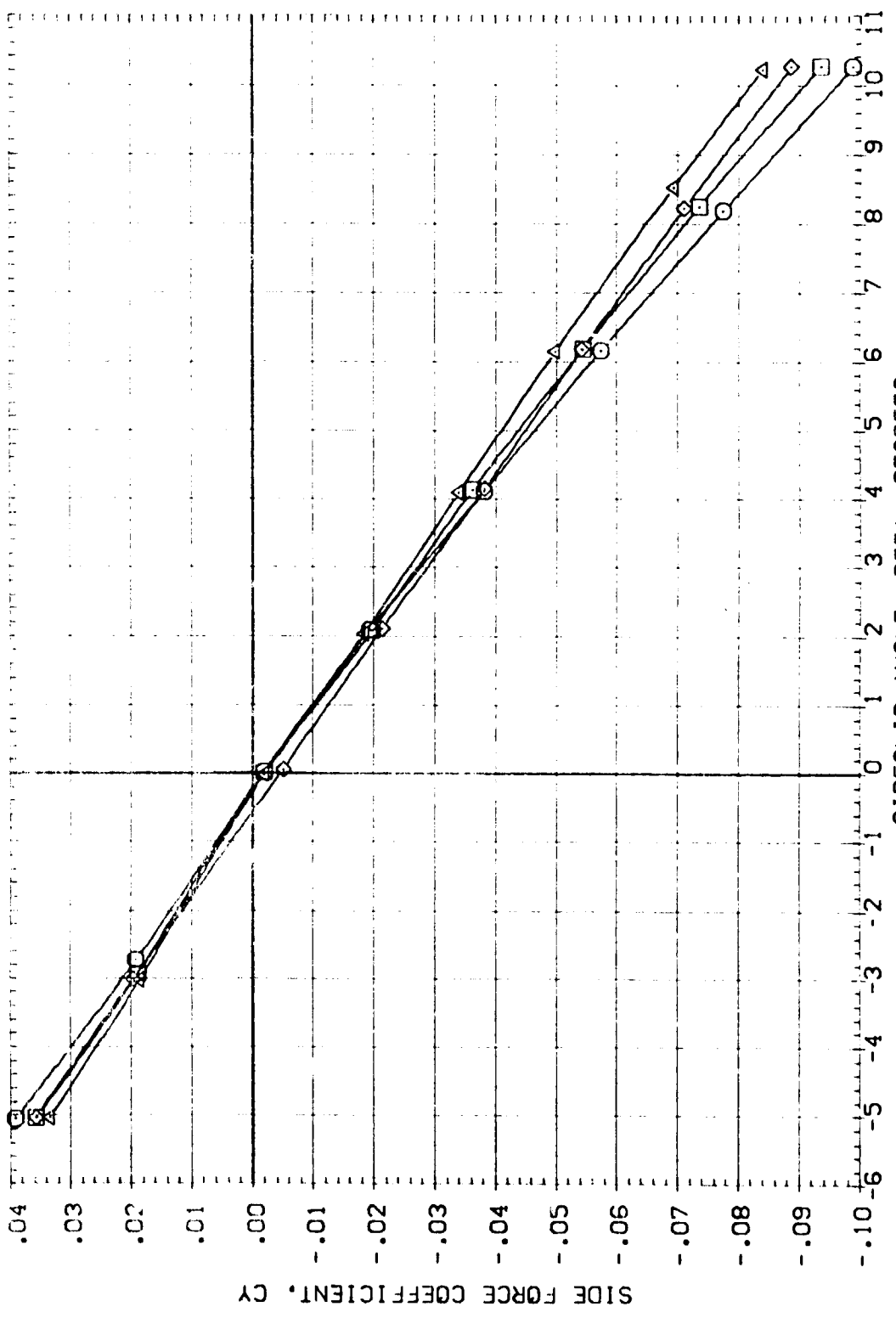


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPDBRK	REFERENCE INFORMATION
(RTNC37)	AEDC VA474(DA77/78) (B26C9F7M7) (W16E26)(V8R5)	20.000	.000	.000	55.000	SREF 87.1560 SQ. IN.
(RTNC38)	AEDC VA474(DA77/78) (B26C9F7M7) (W16E26)(V8R5)	25.000	.000	.000	55.000	LREF 7.1220 INCHES
(RTNC39)	AEDC VA474(DA77/78) (B26C9F7M7) (W16E26)(V8R5)	30.000	.000	.000	55.000	BREF 14.0320 INCHES
(RTNC40)	AEDC VA474(DA77/78) (B26C9F7M7) (W16E26)(V8R5)	35.000	.000	.000	55.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

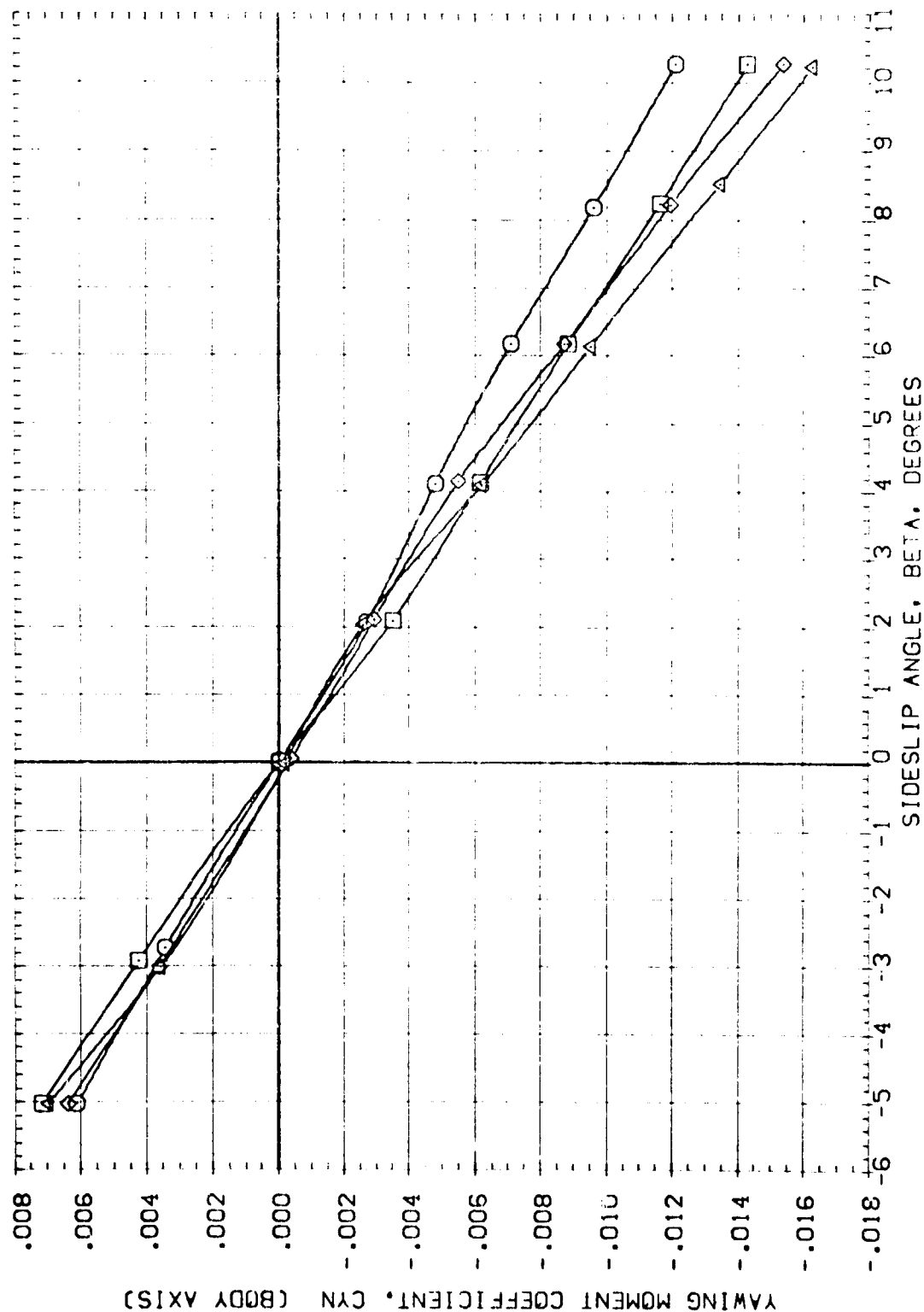


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPDBRK	REFERENCE INFORMATION
[R]NO37)	AEDC VA474 (QAT) (8) (826377) (V) (18226) (V825)	20.000	.000	.000	55.000	SREF 87.156C
[R]NO36)	AEDC VA474 (QAT) (8) (826377) (V) (18226) (V825)	25.000	.000	.000	55.000	LBREF 7.171C
[R]NO39)	AEDC VA474 (QAT) (8) (826377) (V) (18226) (V825)	30.000	.000	.000	55.000	BBREF 14.093C
[R]NO40)	AEDC VA474 (QAT) (8) (826377) (V) (18226) (V825)	35.000	.000	.000	55.000	AVREF 12.167C
						YREF 1.373C
						ZREF 1.011C
						SCALE

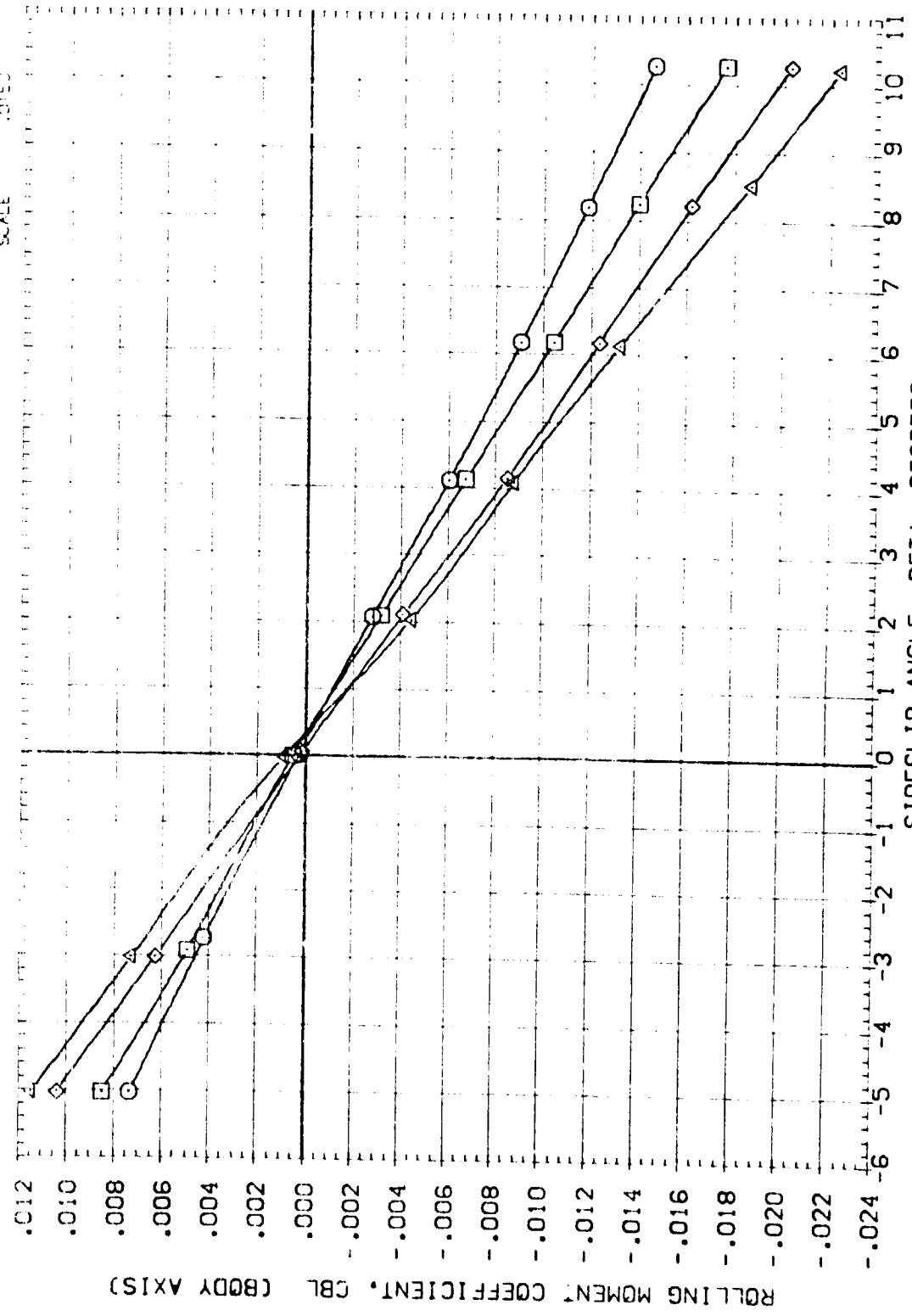


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPDBRK	REFERENCE INFORMATION
(RTN051)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	20.000	16.300	.000	55.000	SREF 87.1560 SQ. IN.
(RTN052)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	25.000	16.300	.000	55.000	LREF 7.1220 INCHES
(RTN053)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	30.000	16.300	.000	55.000	BREF 14.0520 INCHES
(RTN054)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(V8R5)	35.000	16.300	.000	55.000	YMRP 12.6250 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

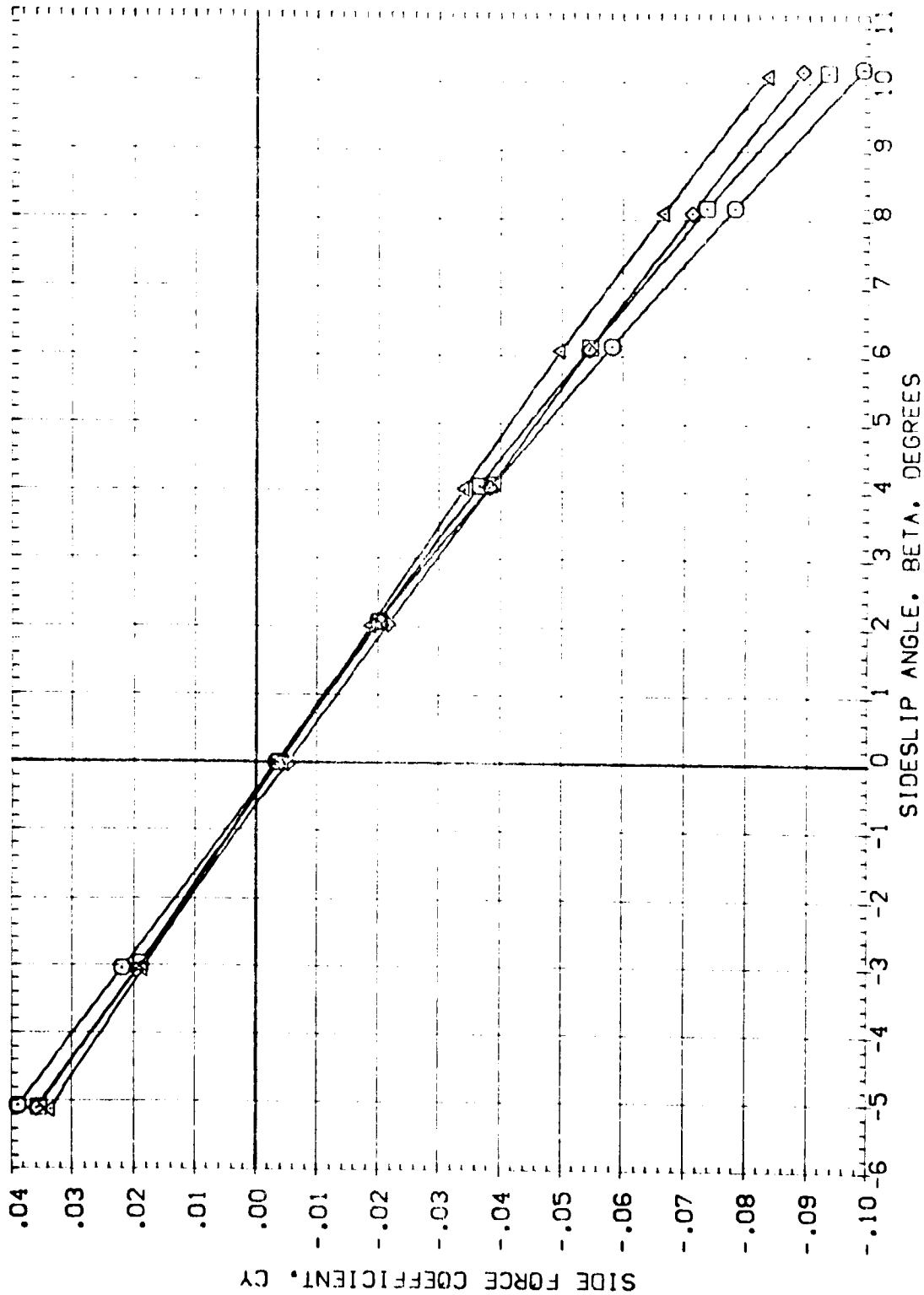


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(A)MACH = 5.95

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BOFLAP	ELEVTR	SPOBRK	REFERENCE INFORMATION
[RINGS1]	Q	AEDC VA474(0477/78) (826097M7)(V116E26)(V895)	20.000	16.300	.000	55.000	SREF 87.1500 SO.1N.
[RINGS2]	Q	AEDC VA474(0477/78) (826097M7)(V116E26)(V895)	25.000	16.300	.000	55.000	UREF 7.1120 INCHES
[RINGS3]	X	AEDC VA474(0477/78) (826097M7)(V116E26)(V895)	30.000	16.300	.000	55.000	UREF 14.0520 INCHES
[RINGS4]	X	AEDC VA474(0477/78) (826097M7)(V116E26)(V895)	35.000	16.300	.000	55.000	UREF 12.6500 INCHES
							VMRD .0000 INCHES
							VMRD -3.150 INCHES
							SCALE .0150

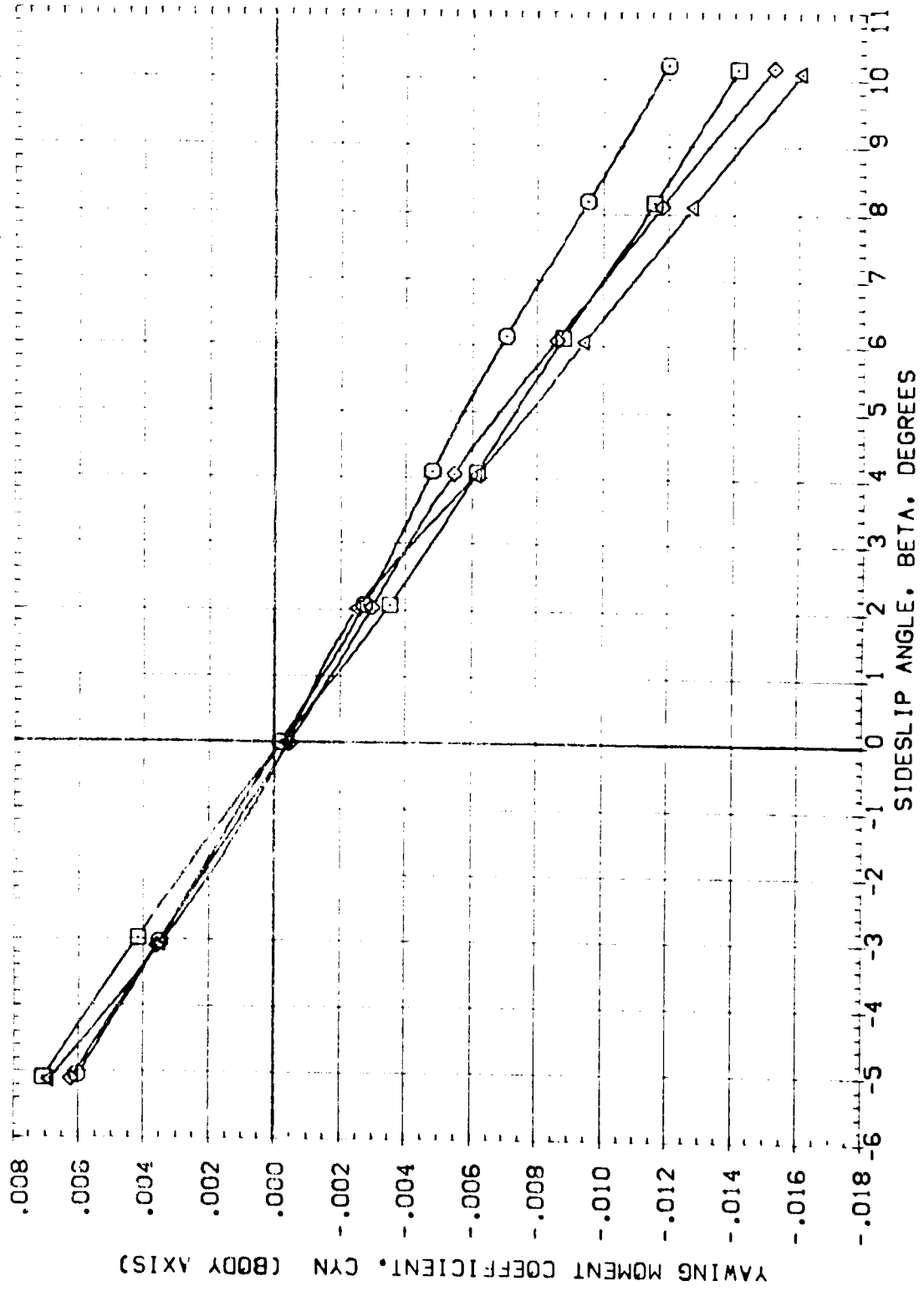


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BDF LAP	ELEVTR	SPDBRK	REFERENCE INFORMATION
(R1N051)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	20.000	16.300	.000	55.000	SREF 87.1550 SQ. IN.
(R1N052)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	25.000	16.300	.000	55.000	LREF 7.1220 NCLES
(R1N053)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	30.000	16.300	.000	55.000	BREF 14.0520 NCLES
(R1N054)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (V8R5)	35.000	16.300	.000	55.000	YMRP 12.6250 NCLES
						ZMRP .0000 NCLES
						SCALE .0150

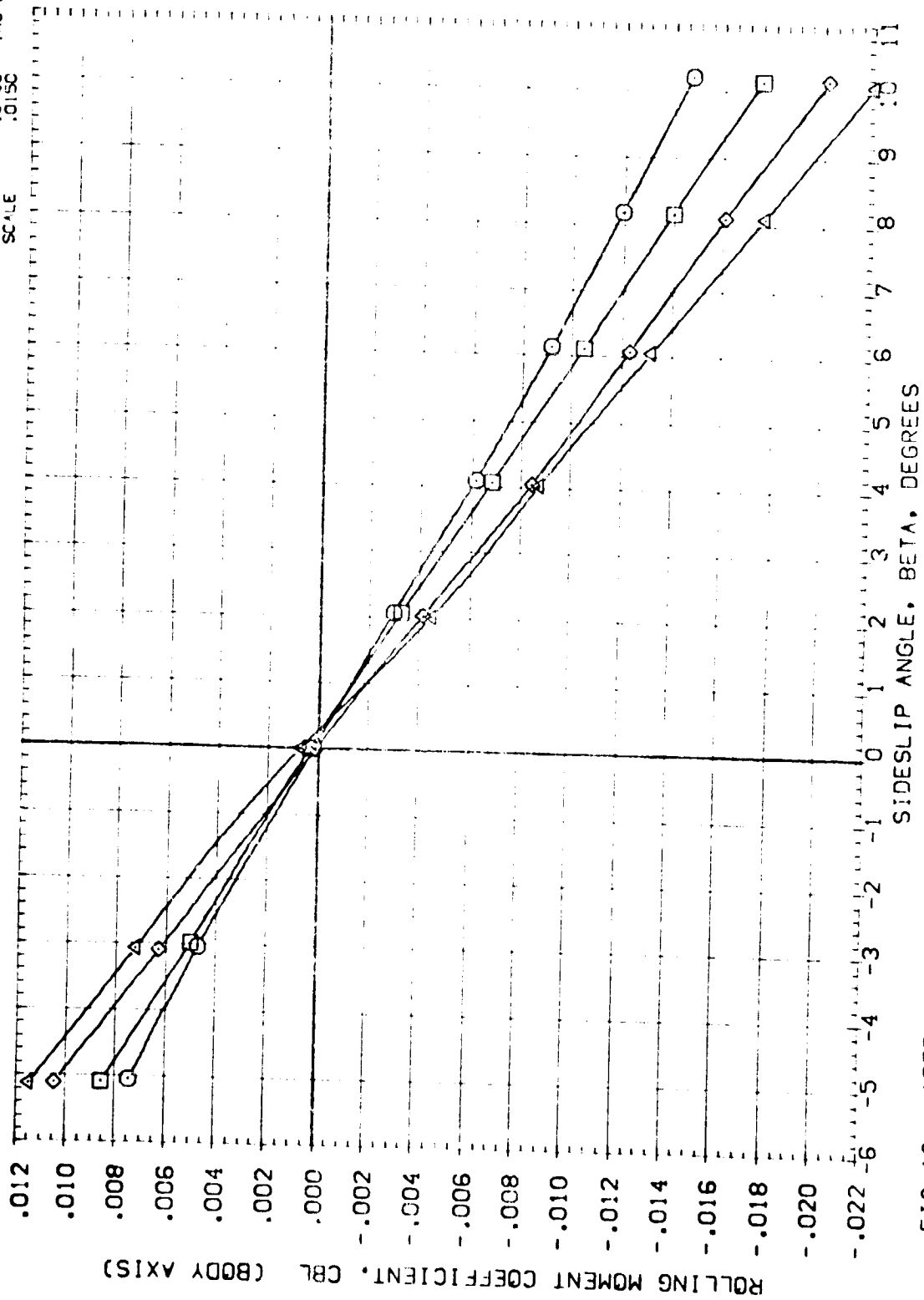


FIG 12 LATERAL DIRECTIONAL EFFECTS (DUE TO BETA)

(MACH = 5.95)

DATA SET SYMBOL: (R'NO11) (R'NO19) (R'NO19)

CONFIGURATION DESCRIPTION: AEDC VA47A(0A77/78) (B76C9F7M7)(V116E26)(V89S) AEDC VA47A(0A77/78) (B76C9F7M7)(V116E26)(V89S)

BETA: .000 5.000

BOFLAP: -11.700 -11.700

ELEVTR: .000 .000

SPOBCK: 55.000 55.000

REFERENCE INFORMATION: SREF 87.1560 SQ. IN. LREF 7.1270 INCHES BREF 14.0520 INCHES XMRP 2.6250 INCHES YMRP .0000 INCHES ZMRP .3150 INCHES SCALE .0150

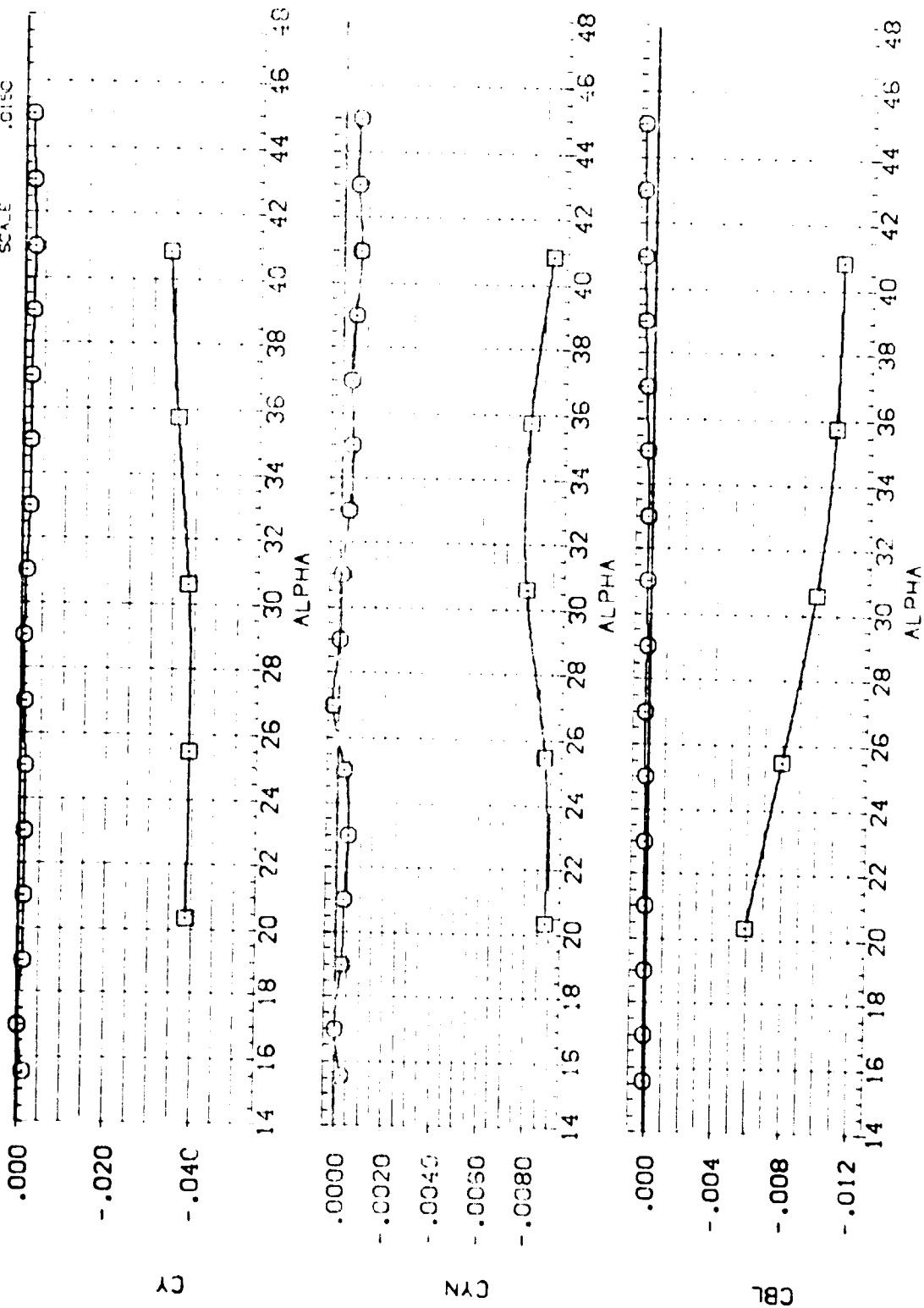


FIG 13 LATERAL DIRECTIONAL EFFECTS (DUE TO ALPHA)

(B)WACH = 10.00

DATA SET SYMBOL: (PTA001) (A) (C) (S) (T) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MM) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NN) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

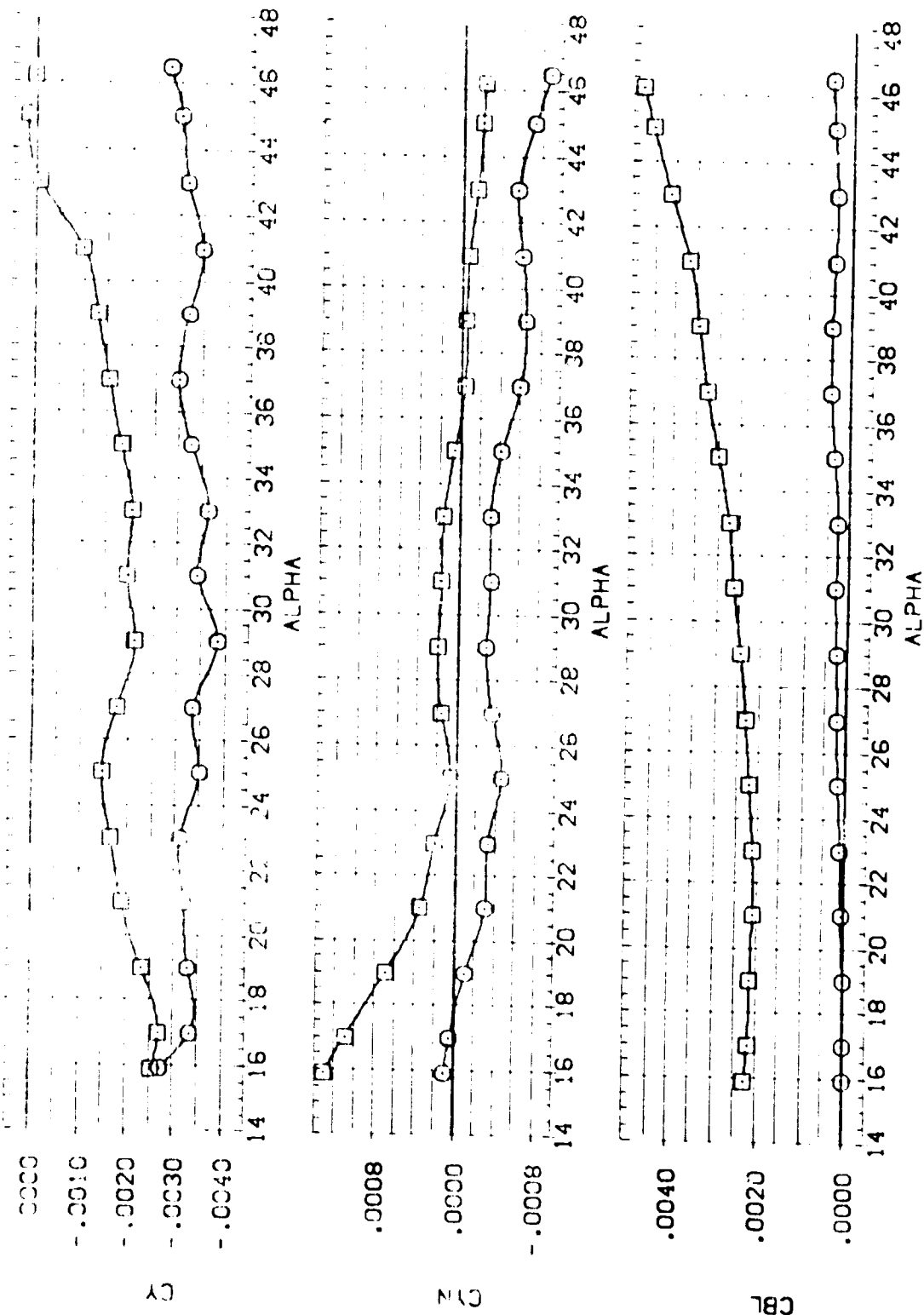


FIG 14 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR = -30 DEG.
(A) $MACH = 5.95$

[illegible]

(RTN007)
(RTN079)

 α^{**}

AEBC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)
AEBC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)

AEBC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)
AEBC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBR5)

AIRRON ELEVTB BOFLAP SPOBRK

ATTENTION	CELESTIN	BOU LAF	ST-JOBAN
10,000	-30,000	-1,700	55,000
10,000	-30,000	-1,700	55,000

ATTENTION	CELEBRITY	BOULDER	ST-JEROME
10,000	-30,000	-1,700	55,000
10,000	-30,000	-1,700	55,000

REFERENCE INFORMATION:

87.1560 SC. IN

87.1560 SC. IN

87.1560 SC. IN

87.1560 SC. IN

87.1560 SC. IN

87.1560 SC. IN

87.1560 SC. IN

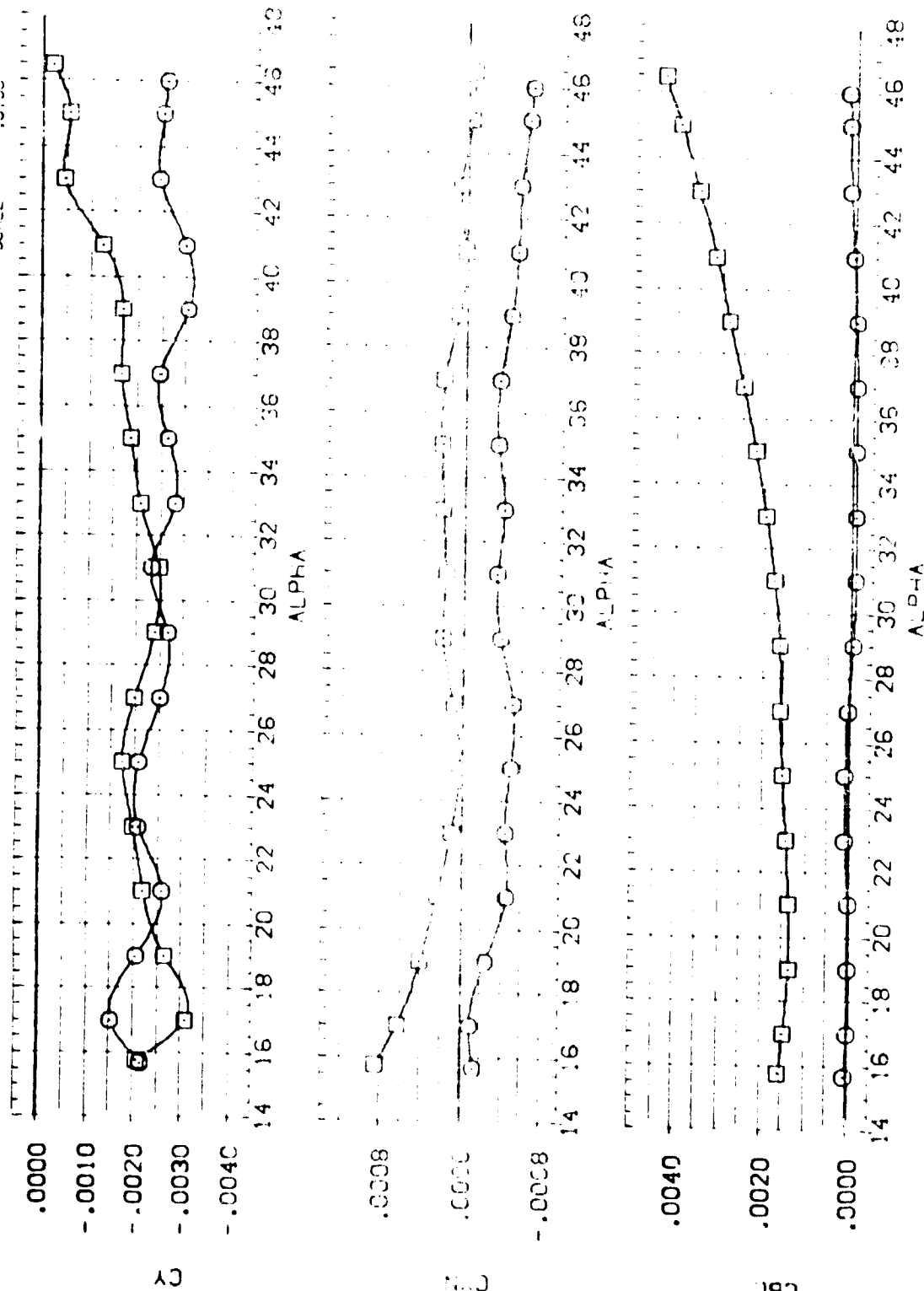


FIG 14. LATERAL-DIRECTIONAL ALLEYS AFFECT ELEVATION OF STIMULATED VERTICALITY SENSES IN SUBJECTS WITH UNILATERAL VESTIBULAR LOSS.

330

3

DATA SET SYMBOL: (P1007) (R1079) CONFIGURATION DESCRIPTION: AEDC VA474 (CAT778) (326C957M7) (V115E26) (VB85) AEDC VA474 (CAT779) (326C957M7) (V115E26) (VB85)

AILRON	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION	
.000	-30.000	-11.200	55.000	SRES	87.1560
10.000	-30.000	-11.700	55.000	LREF	7.1220
				SRES	14.0520
				XM	12.6250
				YAP	.0000
				ZMAP	-3750
				SCALE	0.150

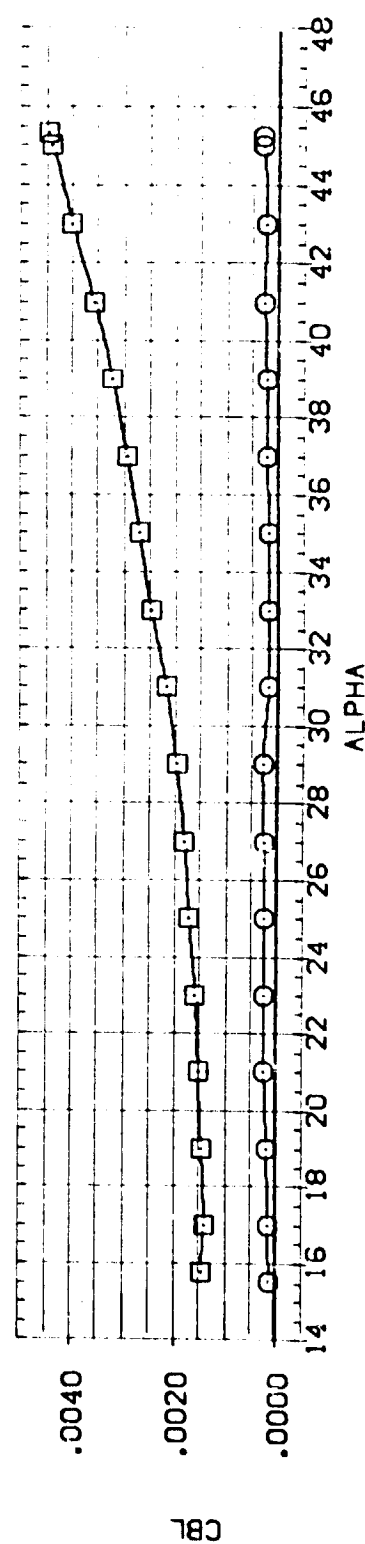
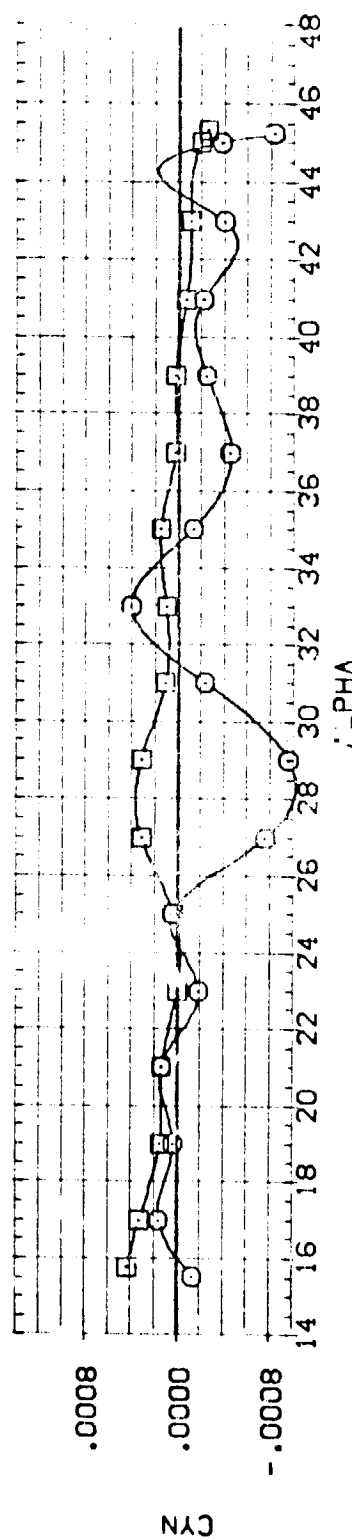
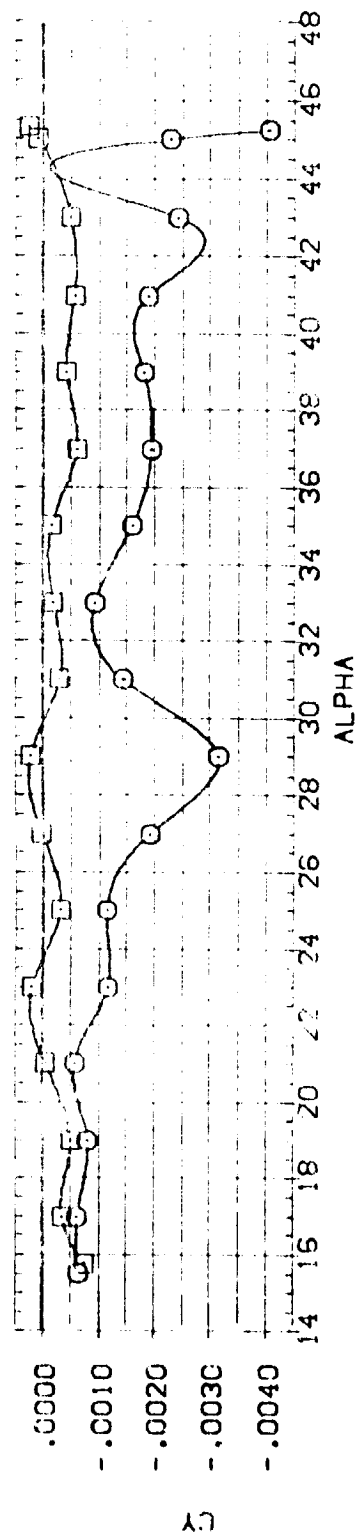


FIG 14 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -30 DEG.

(C)MACH = 10.09

DATA SET SYMBOL: (J1N079) ○ AEDC VA474 (0A77/78) (B26C97M7) (W116E26) (V8R5)

CONFIGURATION DESCRIPTION

TAIL ELEVTR BOFLAP SPOBRK

10.000 -30.000 -11.700 55.000

REFERENCE INFORMATION:

SREF 87.1550 52. IN.

LBREF 14.1220 NCES

MBREF 14.0520 NCES

YMRP 12.6250 NCES

ZMRP .0000 NCES

SCALE .3750 NCES

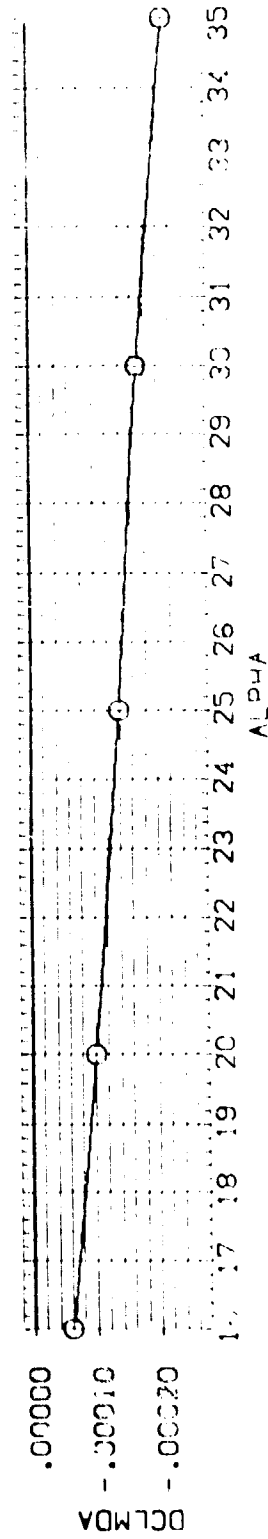
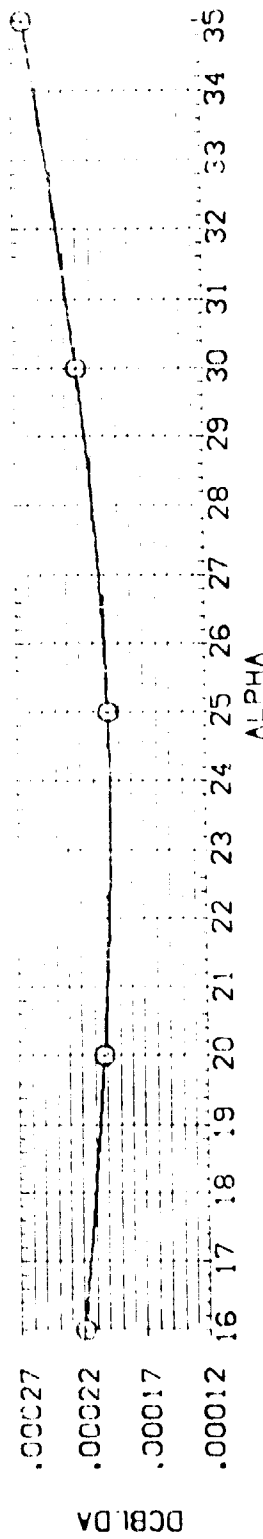
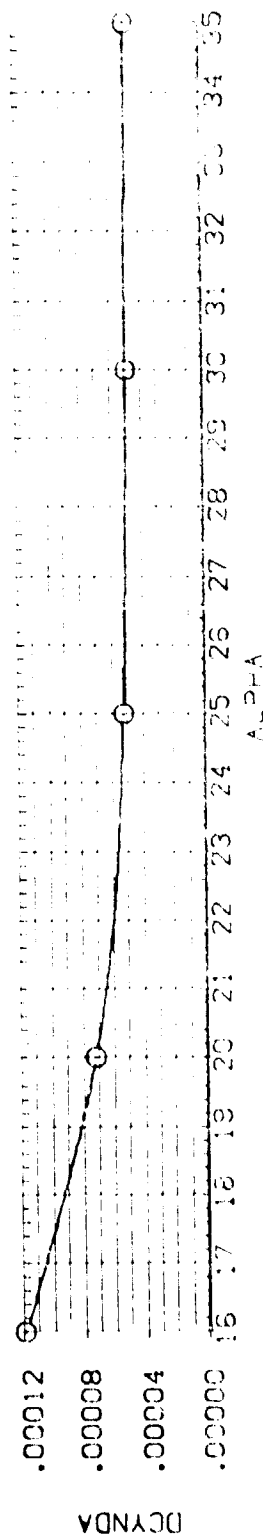
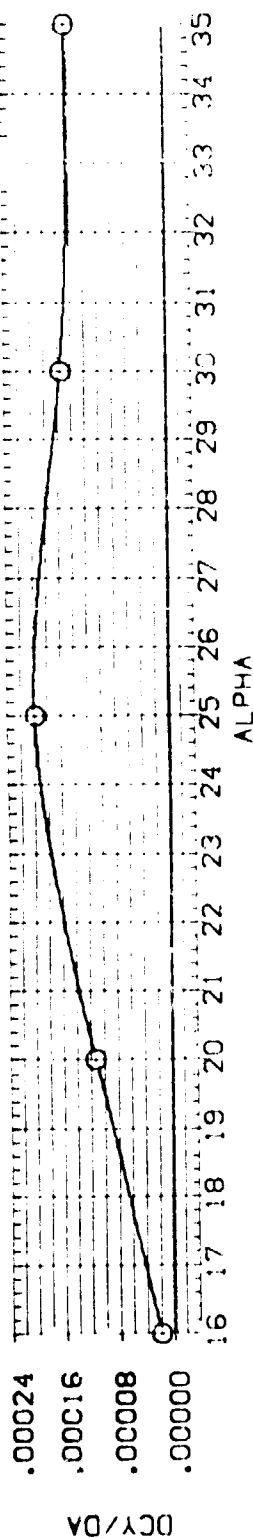


FIG 14 LATERAL-DIRECTIONAL AILEPCN EFFECTS AT ELEVATOR= -20 DEG.

(A)MACH = 6.00

017 324



DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DETAIL		ELEVTR		BOFLAP		SPDBRK		REFERENCE INFORMATION	
(J74079)	○	AEDC WA4741(0477/26)	(826C95747)(V11GE26)(V0875)	10.000	-30.000	-11.700	55.000	SREF	87.1560	SC IN	5		
								LREF	7.1200	SC IN	5		
								BREF	14.0000	SC IN	5		
								XREF	12.6200	SC IN	5		
								YREF	0.0000	SC IN	5		
								ZREF	0.0000	SC IN	5		
								SCALE	0.0000	SC IN	5		

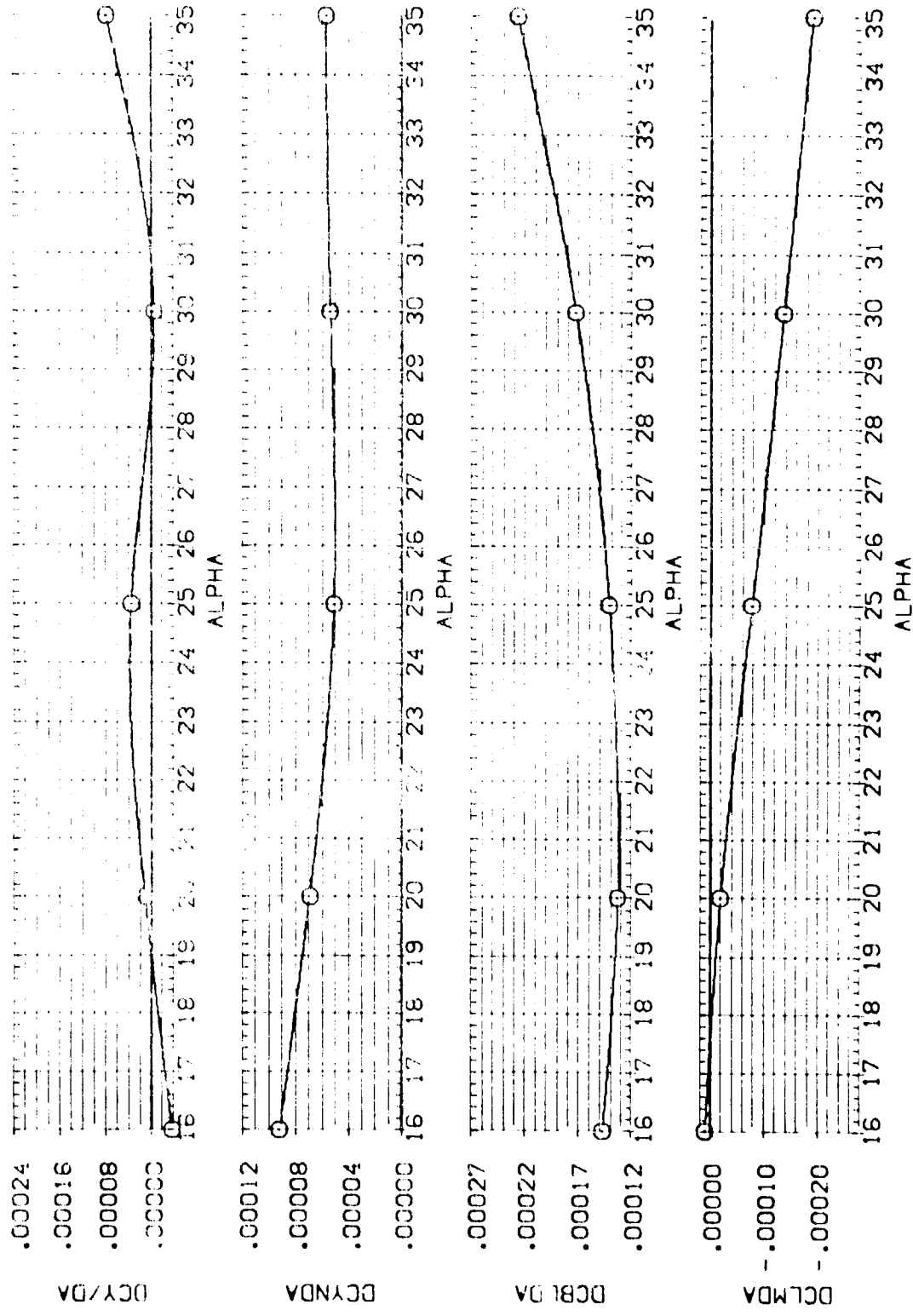


FIG 14 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR = -30 DEG.

(B) MACH = 8.00

DATA SET SYMBOL (J14079) ○ CONFIGURATION DESCRIPTION AEOC VA474(0477/78) (B26C9747)(V116E26)(V8R5)

DETAIL		ELEVTR	BOFLAP	SPORRK	REFERENCE INFORMATION	
10.000	-30.000	-11.700	55.000	SREF	87.1560	SQ. IN.
				LREF	7.1220	INCHES
				BREF	14.0520	INCHES
				XREF	12.6250	INCHES
				YREF	9.0000	INCHES
				ZREF	-3.7500	INCHES
				SCALE	0.150	

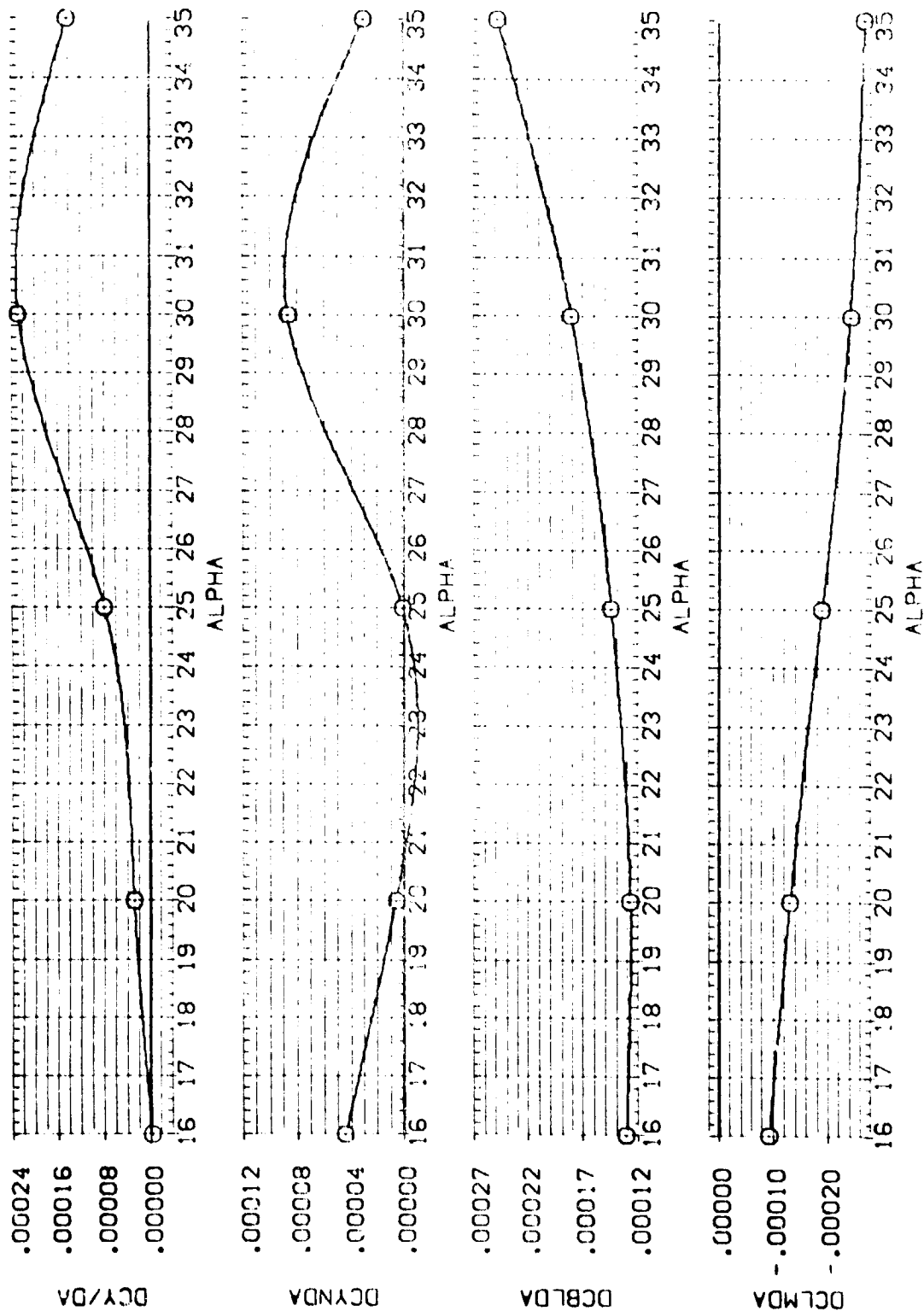


FIG 14 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR = -30 DEG.

COACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILERON	ELEVTR	BOFLAP	SP08RK	REFERENCE INFORMATION
(B7008)	AECC VA474 (G477/78) (B26C9747) (W16E26) (V8RS)	.000	-20.000	-.11.700	55.000	SREF 87.1560 SC.IN.
(B7008)	AECC VA474 (G477/78) (B26C9747) (W16E26) (V8RS)	5.000	-20.000	-.11.700	55.000	LREF 7.1220 INCHES
(B7007)	AECC VA474 (G477/78) (B26C9747) (W16E26) (V8RS)	10.000	-20.000	-.11.700	55.000	BREF 14.0520 INCHES
						XMRD 12.6250 INCHES
						YMRD .0000 INCHES
						ZMRD -.3750 INCHES
						SCALE 1.0150

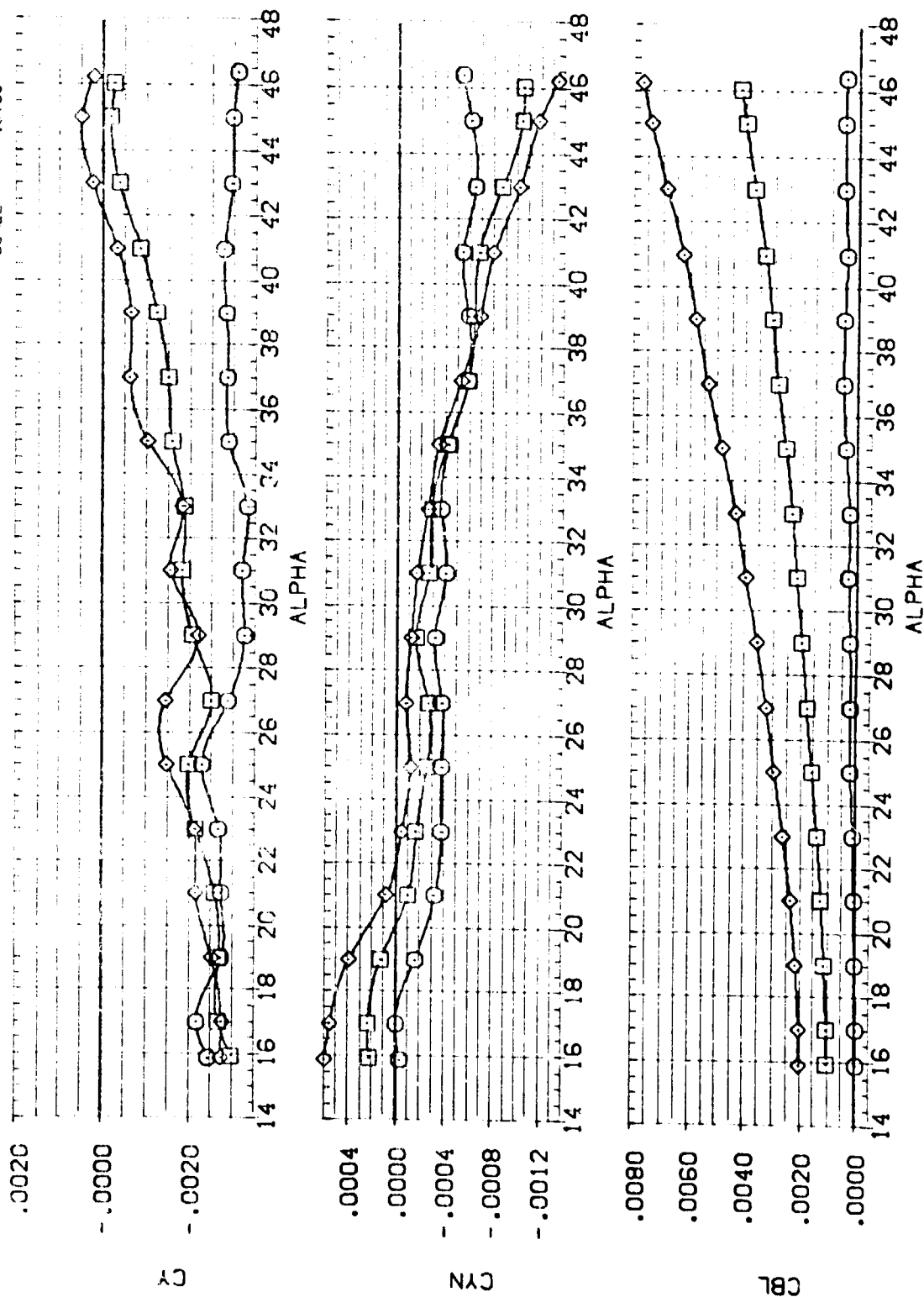


FIG 15 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -20 DEG.

(A)MACH = 6.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	AILERON	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION	
[RTN008]	□	AEDC VA474(0A77/78) (B26C9F7M7)(W118E26)(V8RS)	.000	-20.000	-11.700	55.000	SREF	87.1560
[RTN078]	◇	AEDC VA474(0A77/78) (B26C9F7M7)(W118E26)(V8RS)	5.000	-20.000	-11.700	55.000	LREF	7.1220
[RTN077]	◇	AEDC VA474(0A77/78) (B26C9F7M7)(W118E26)(V8RS)	10.000	-20.000	-11.700	55.000	BREF	14.0520
							YMRP	12.6250
							ZMRP	.0000
								.3750
								INCHES
								SCALE
								0.150

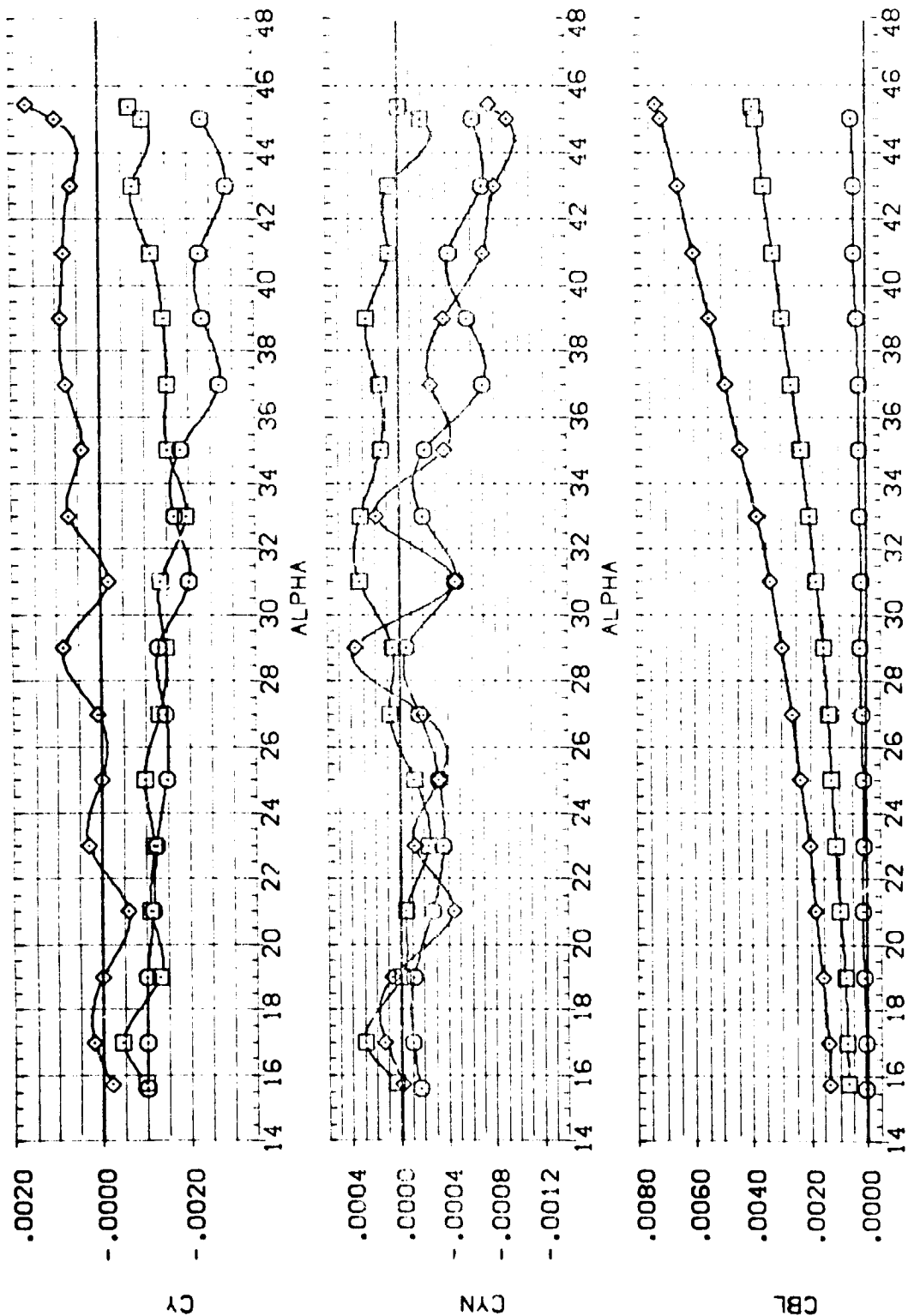


FIG 15 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -20 DEG.

(B)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLTAIL	ELEVTR	JOELAP	SPDBRK	REFERENCE INFORMATION	
(J1N078)	AEDC VA174(CAT7/78) (826C57M7) (V11826)(V8RS)	5.000	-20.000	-11.700	55.000	SREF	87.1560
(J1N077)	AEDC VA174(CAT7/78) (826C57M7) (V11826)(V8RS)	10.000	-20.000	-11.700	55.000	REF	7.1230
						SPREF	14.0520
						YMRD	12.6250
						ZMRD	1.0000
						SCALE	10.50

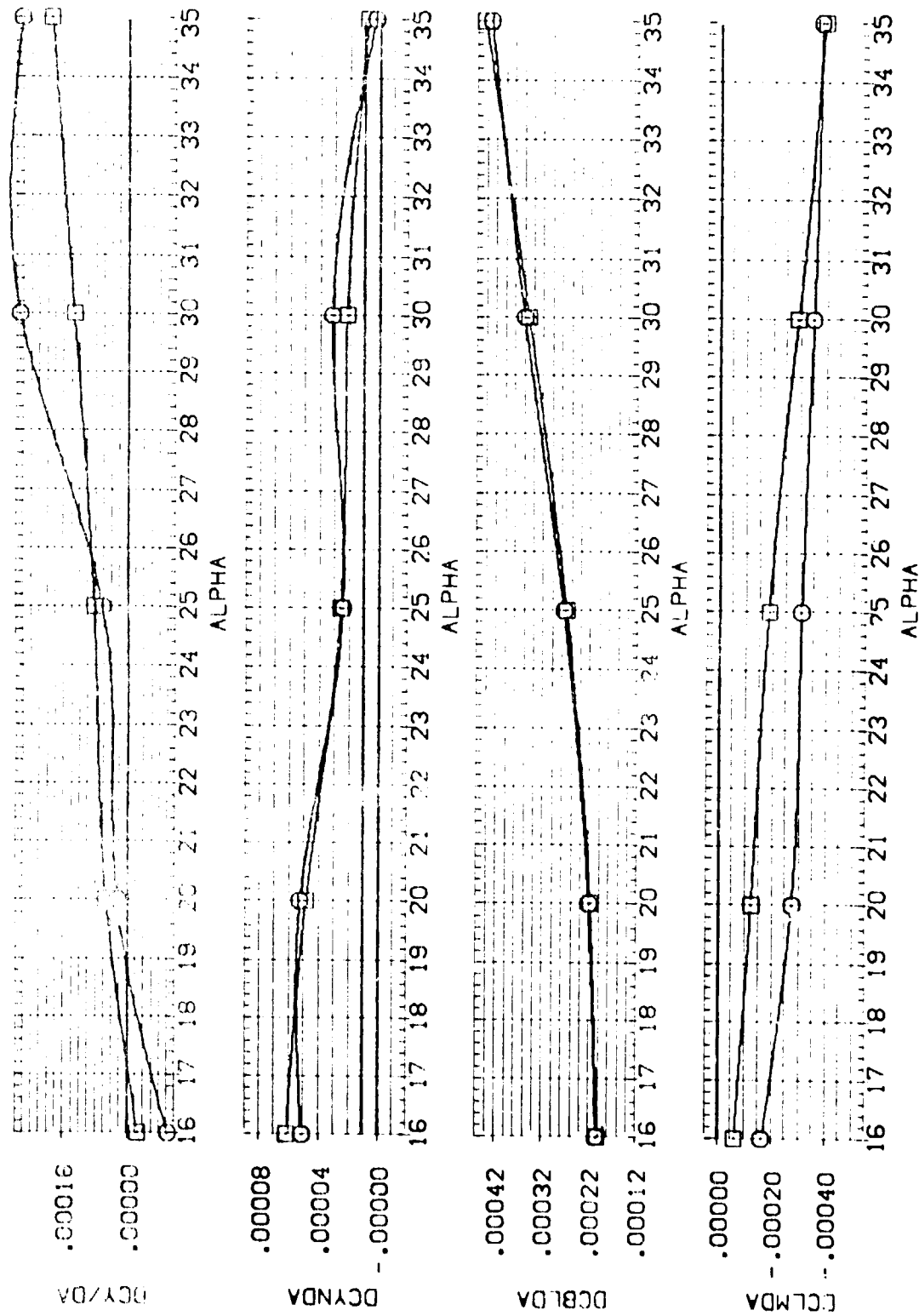


FIG 15 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR = -20 DEG.

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DETAIL	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(JTN078)	AEDC VA474(QA77/78) (B26C97M7)(W116E26)(V8R5)	5.000	-20.000	-11.700	55.000	SREF 87.1560 50. IN.
(JTN077)	AEDC VA474(QA77/78) (B26C97M7)(W116E26)(V8R5)	10.000	-20.000	-11.700	55.000	LREF 7.1220 INCHES
						BREF 14.0520 INCHES
						AMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

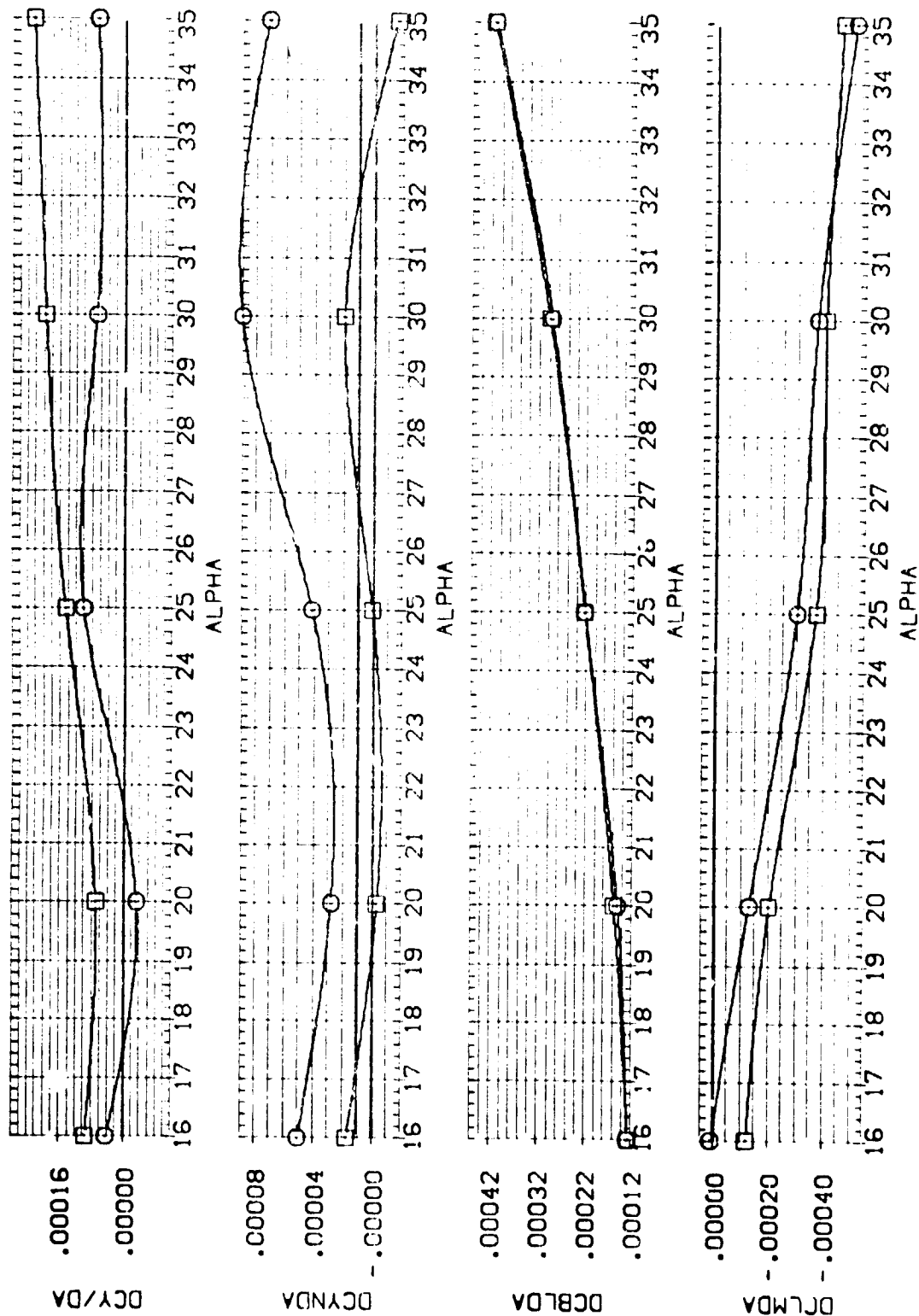


FIG 15 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -20 DEG.

(B)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALIRC	ELEVTR	BDCLAP	SPDBRK	REFERENCE INFORMATION
(RTN009)	AEDC VA474 (Q-77/79) (82655-7M7) (V16E26) (V8R5)	.000	-10.000	-11.700	55.000	SREF 87.1560 SQ. IN.
(RTN075)	AEDC VA474 (Q-77/79) (82655-7M7) (V16E26) (V8R5)	5.000	-10.000	-11.700	55.000	LREF 7.1220 INCHES
(RTN075)	AEDC VA474 (Q-77/79) (82655-7M7) (V16E26) (V8R5)	10.000	-10.000	-11.700	55.000	BREF 14.0520 INCHES
(RTN075)	AEDC VA474 (Q-77/79) (82655-7M7) (V16E26) (V8R5)	15.000	-10.000	-11.700	55.000	XREF 12.6250 INCHES
						YREF .0000 INCHES
						ZREF -.3750 INCHES
						SCALE .0150

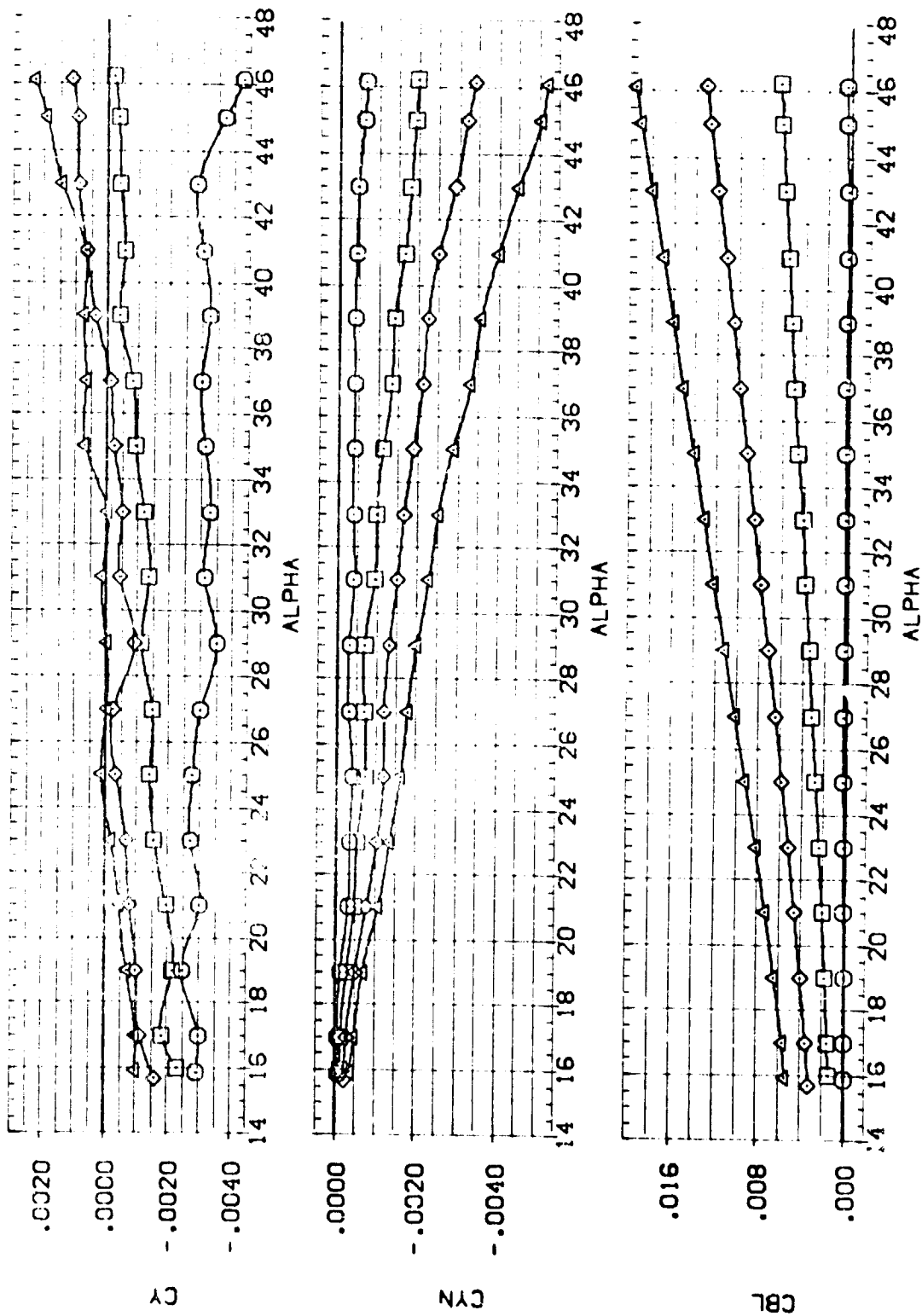


FIG 16 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR = -10 DEG.

(A) MACH = 5.95

DATA SET SYMBOL: (RTN009) (RTN076) (RTN075) (RTN071)
 CONFIGURATION DESCRIPTION: AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)
 DATA NOT AVAILABLE
 DATA NOT AVAILABLE
 AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)
 AILERON ELEVTR BOFLAP SPODBRK
 .000 -10.000 -11.700 55.000
 5.000 -10.000 -11.700 55.000
 10.000 -10.000 -11.700 55.000
 15.000 -10.000 -11.700 55.000
 YMRP ZMRP
 .0000 -0.3750
 INCHES INCHES
 SCALE .0150

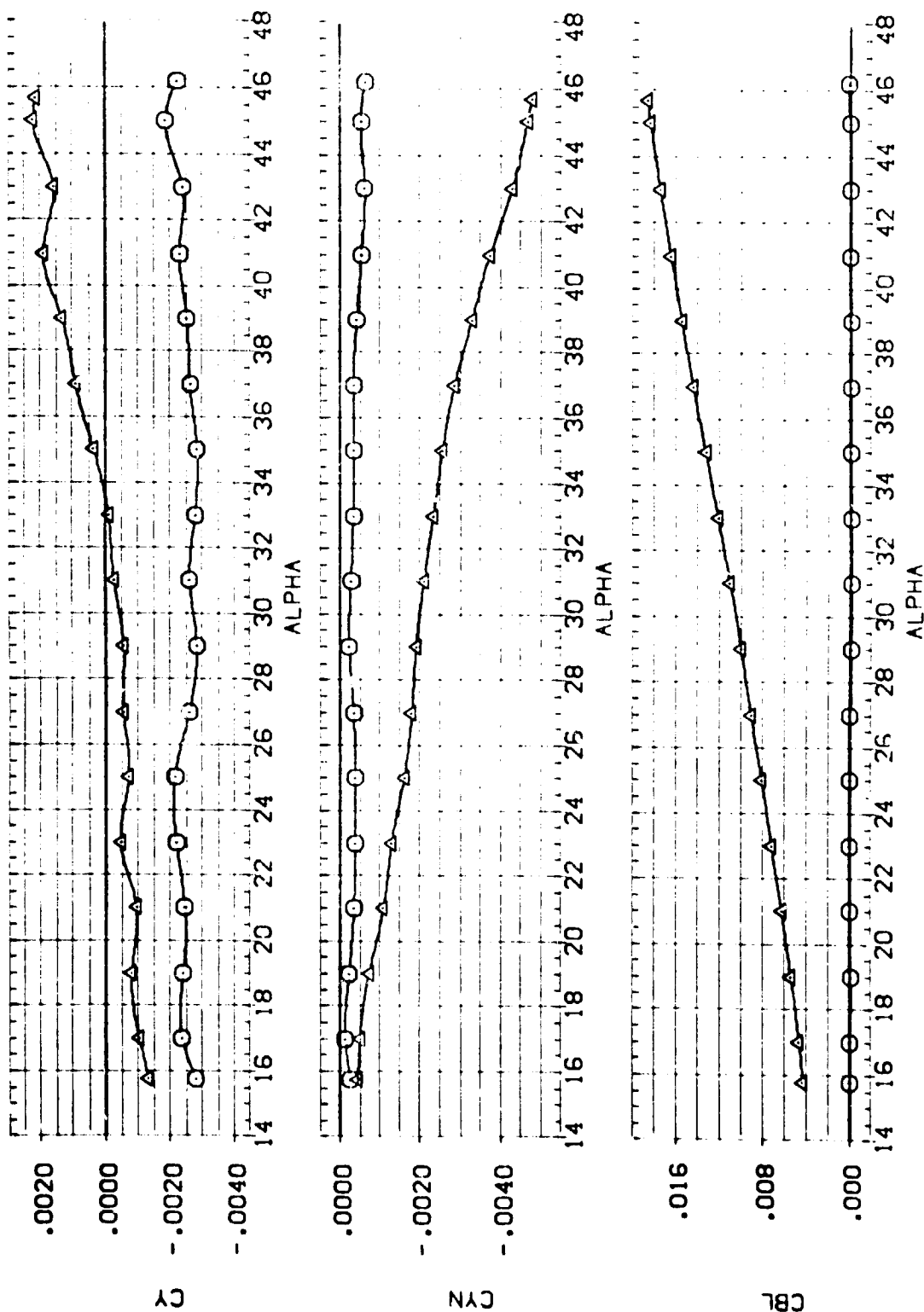
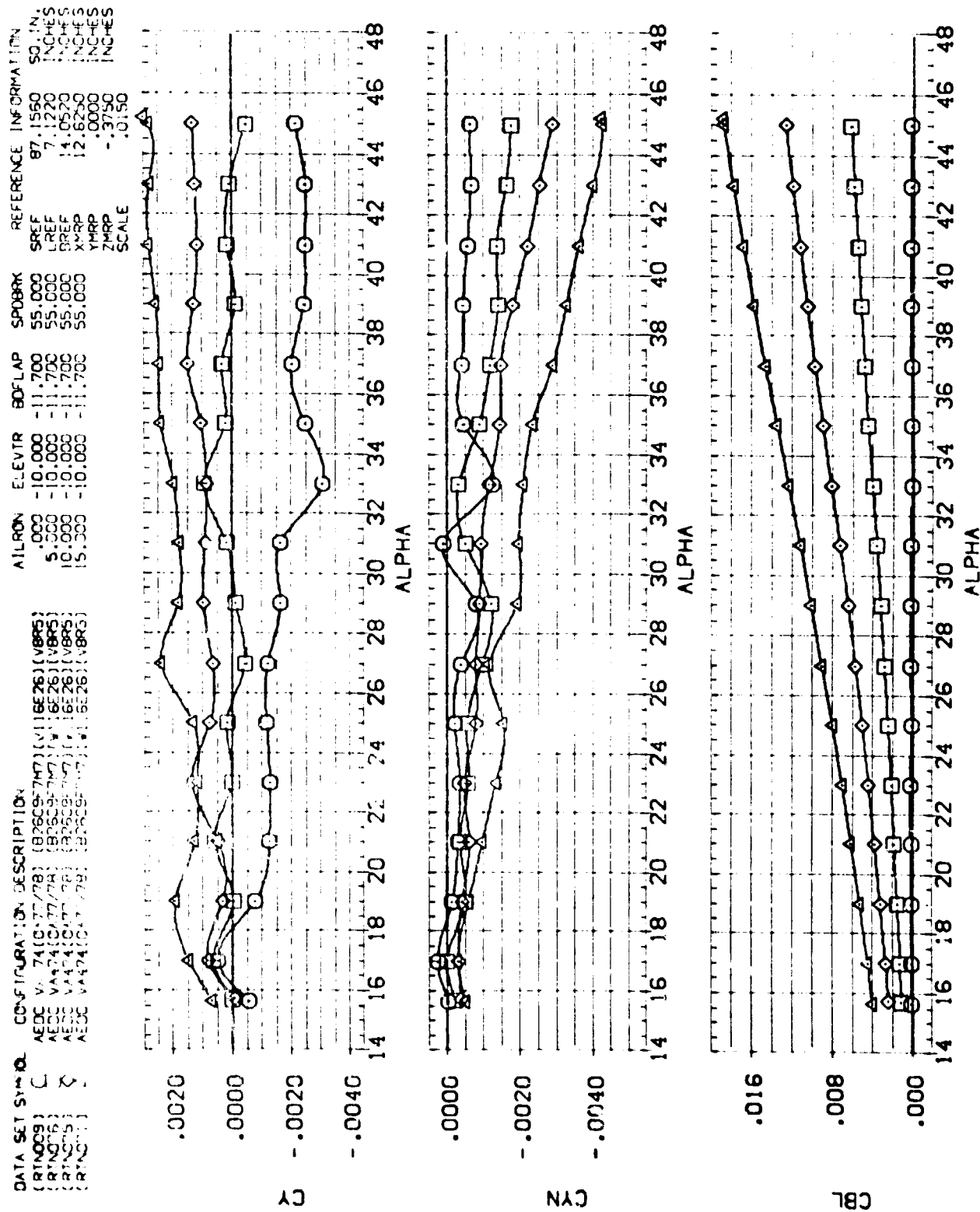


FIG 16 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -10 DEG.

(8)MACH = 8.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	2-TAIL	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(JTN076)	AEDC VA474(0A77/78) (B26C9 747) (V116E26) (VBR5)	5.000	-10.000	-11.700	55.000	SREF 87.1560 SO.IN.
(JTN075)	AEDC VA474(0A77/78) (B26C9 747) (V116E26) (VBR5)	10.000	-10.000	-11.700	55.000	LREF 7.1220 INCHES
(JTN071)	AEDC VA474(0A77/78) (B26C9 747) (V116E26) (VBR5)	15.000	-10.000	-11.700	55.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.0750

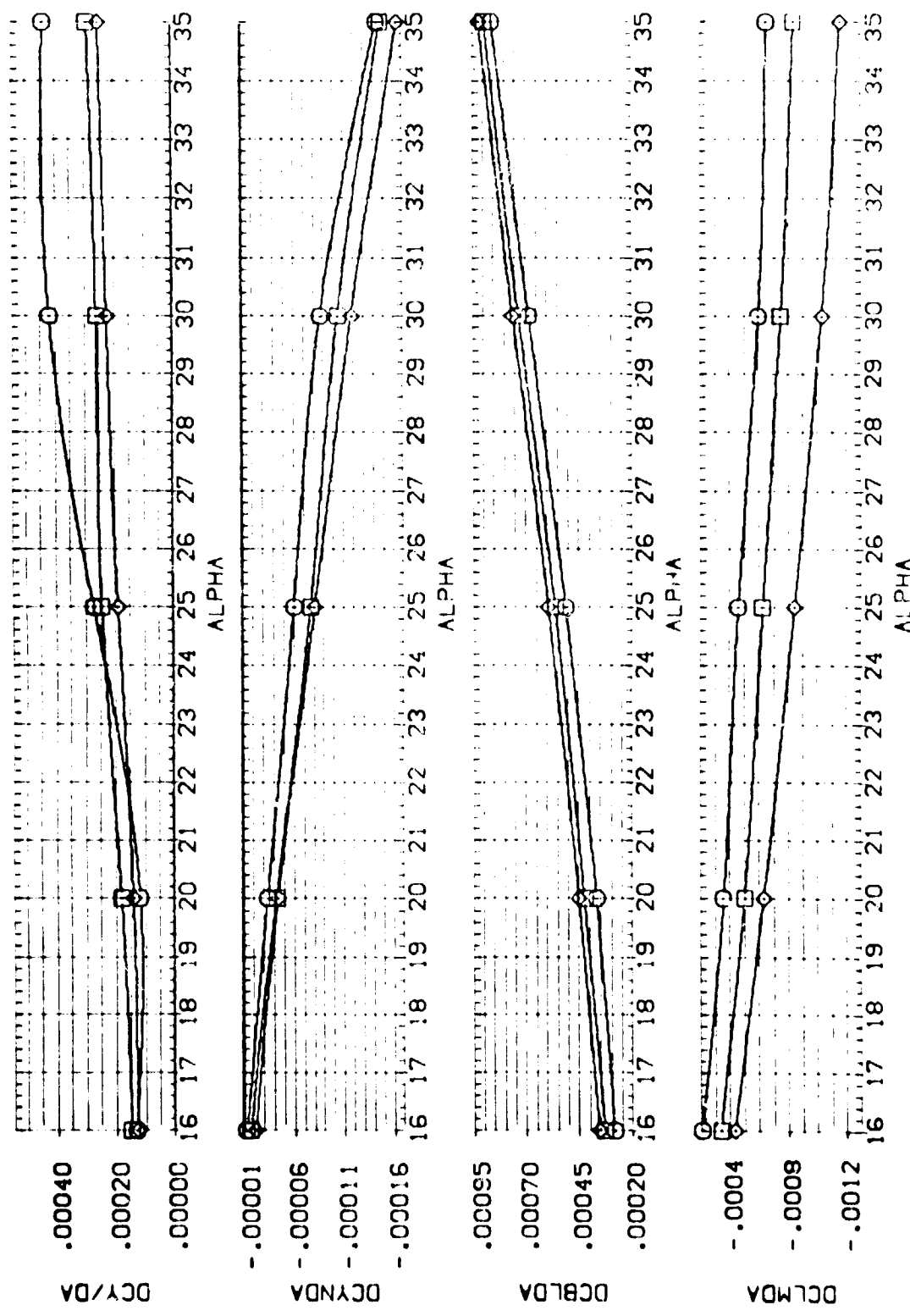


FIG 16 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -10 DEG.
(A) MAC = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (J10076) DATA NOT AVAILABLE
 (J10075) DATA NOT AVAILABLE
 (J10074) AEDC 14474 (0-178) (B0609F) (115E26) (V095)

REFERENCE INFORMATION
 SREF 87.1550 SO IN
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

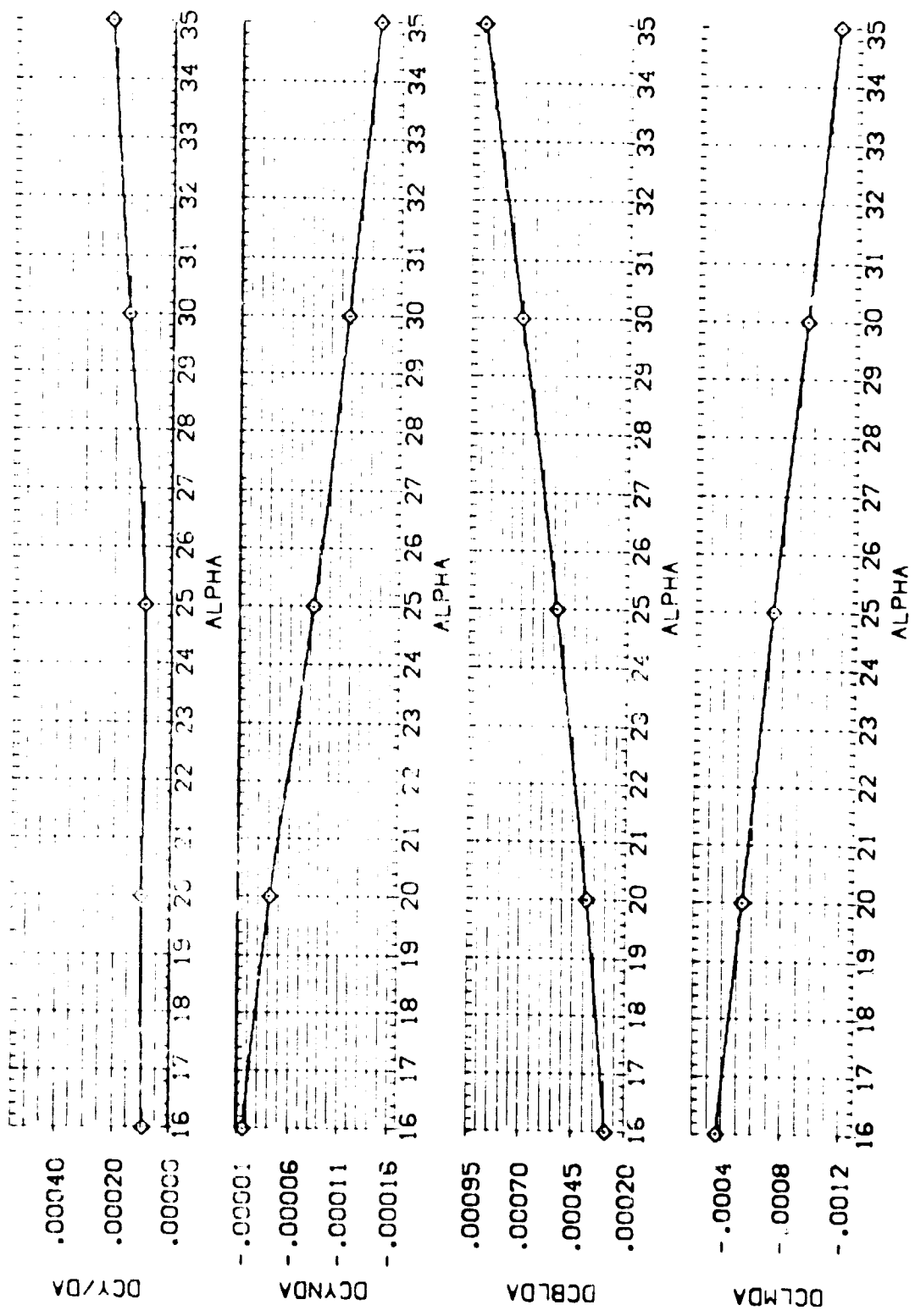


FIG 16 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR = -10 DEG.

(B)MACH = 8.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION

(J1N076) AEDC VA474(DA77/78) (B26C9-747)(V1) (6E26)(V895)

(J1N075) AEDC VA474(CA77/78) (B26C9-747)(V1) (6E26)(V895)

(J1N071) AEDC VA474(CA77/78) (B26C9-747)(V1) (6E26)(V895)

DETAIL ELEVTR BOFLAP SPDBRK

10.000 -10.000 -11.700 55.000

15.000 -10.000 -11.700 55.000

REFERENCE INFORMATION

SREF 87.1550 SQ. IN.

LREF 7.1220 INCHES

BREF 14.0520 INCHES

XMR0 12.6250 INCHES

YMR0 1.0000 INCHES

ZMR0 -3.350 INCHES

SCALE 10.50

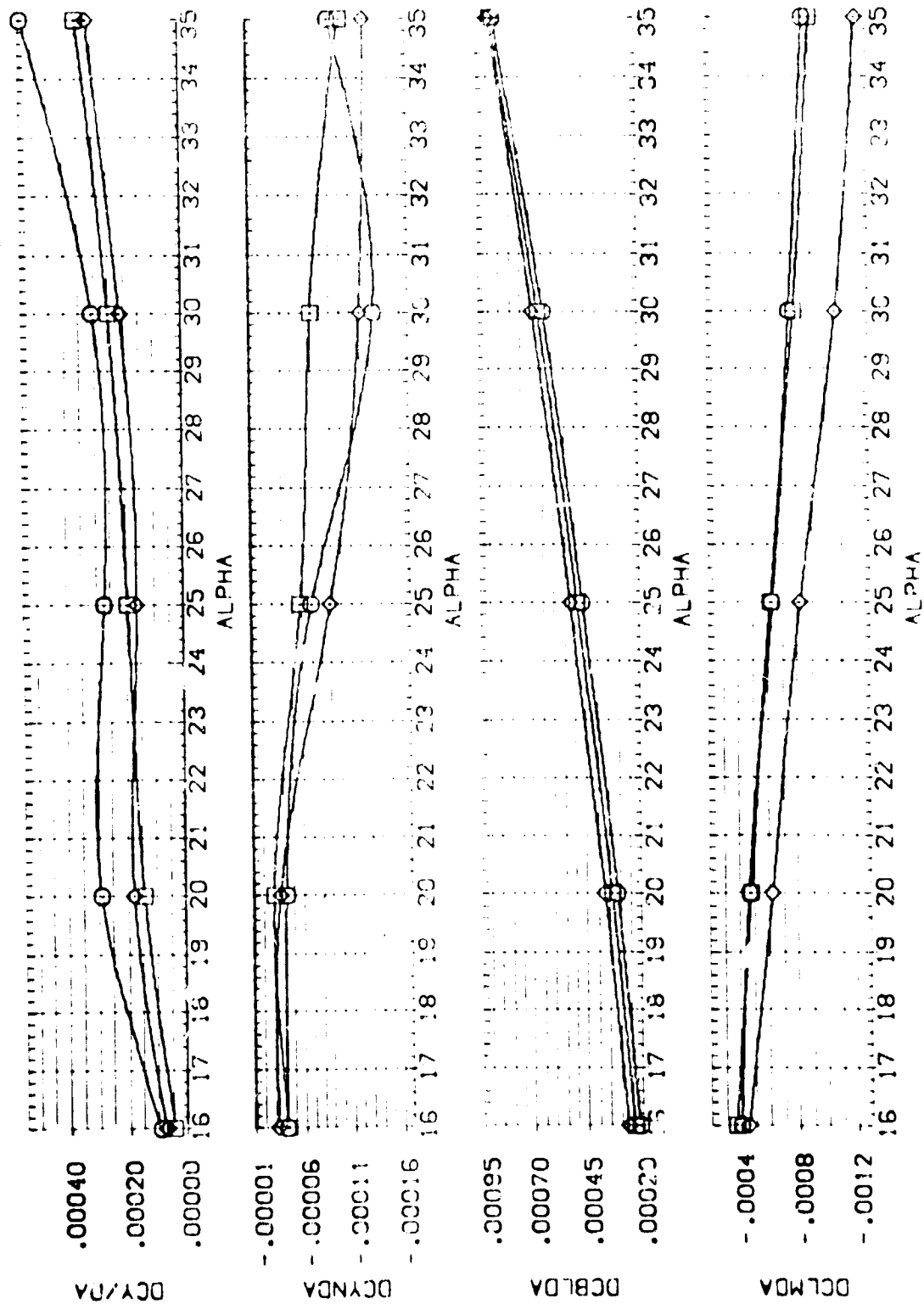


FIG 16 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR = -10 DEG.

(COMAC) - 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILERON	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(RTN010)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	.000	-5.000	-11.700	55.000	SREF 87.1560 50 IN.
(RTN074)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	5.000	-5.000	-11.700	55.000	LREF 7.1220 INCHES
(RTN072)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	10.000	-5.000	-11.700	55.000	BREF 14.0520 INCHES
(RTN068)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (V8RS)	15.000	-5.000	-11.700	55.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750
						.0150

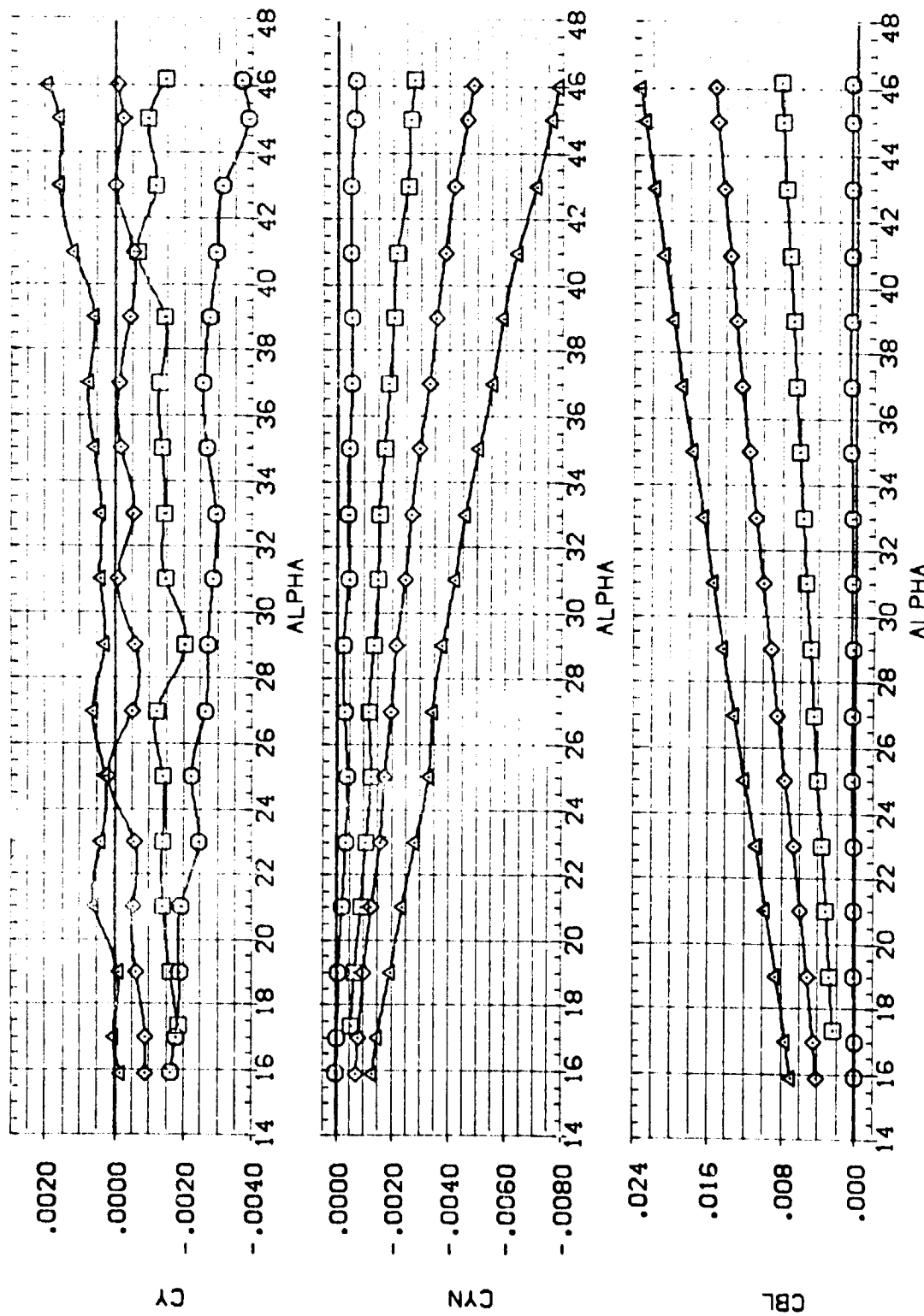


FIG 17 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -5 DEG.

(A) MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILRON	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(RTN010)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-5.000	-11.700	55.000	SREF 87.1560 SO. IN.
(RTN074)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.000	-5.000	-11.700	55.000	LREF 7.1220 INCHES
(RTN072)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	10.000	-5.000	-11.700	55.000	BREF 14.0520 INCHES
(RTN068)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	-5.000	-11.700	55.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES

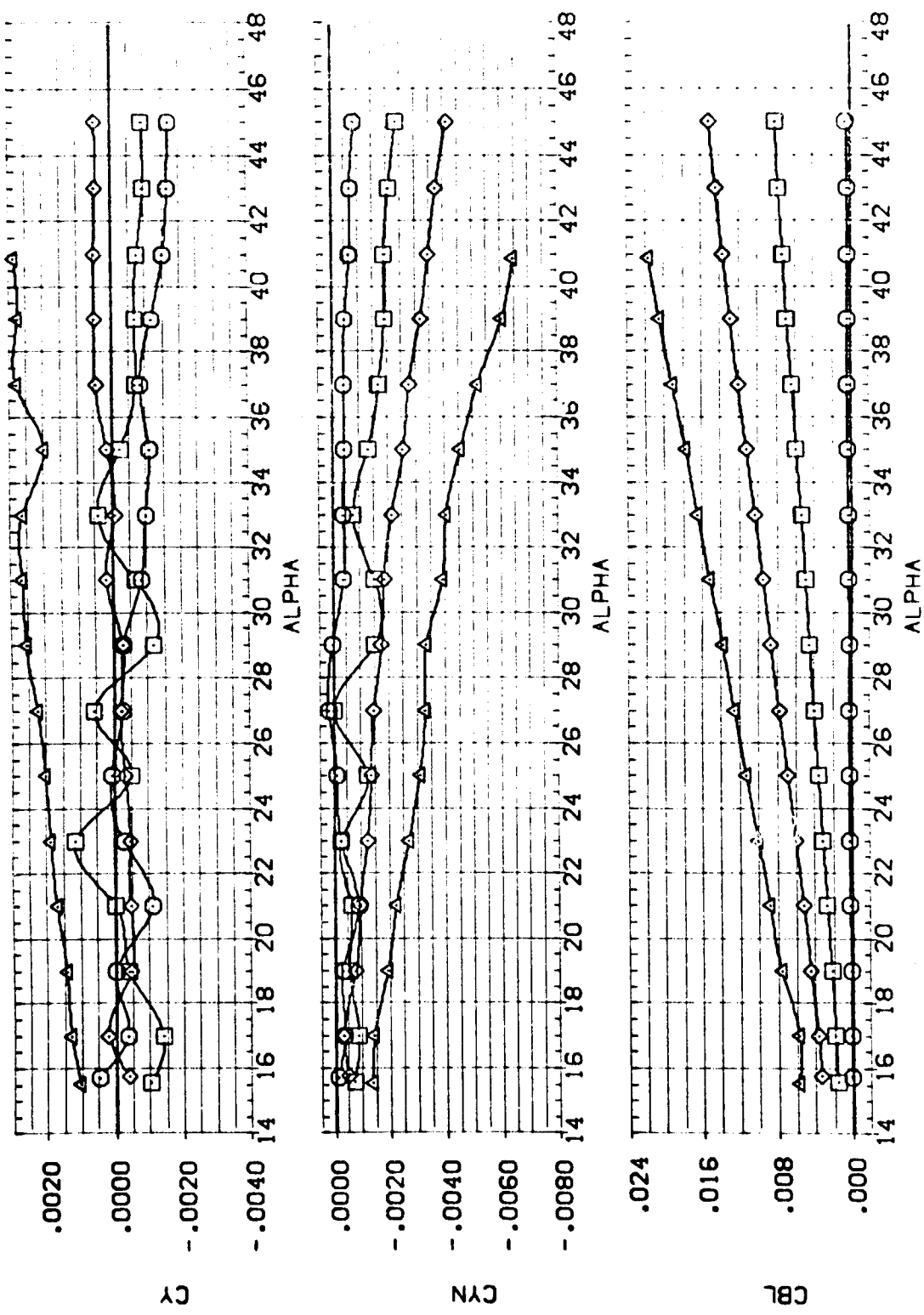


FIG 17 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -5 DEG.

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DETAIL	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION	
(JTN074)	AEDC VA474(OA77/78) (B26CSF7M7) (V116E26) (VBRS)	5.000	-5.000	-11.700	55.000	SPREF	87.1560 SQ. IN.
(JTN072)	AEDC VA474(OA77/78) (B26CSF7M7) (V116E26) (VBRS)	10.000	-5.000	-11.700	55.000	LREF	7.1220 INCHES
(JTN068)	AEDC VA474(OA77/78) (B26CSF7M7) (V116E26) (VBRS)	15.000	-5.000	-11.700	55.000	BREF	14.0520 INCHES
						YMRP	12.6250 INCHES
						ZMRP	.0000 INCHES
						SCALE	-3.750 INCHES
							.0150

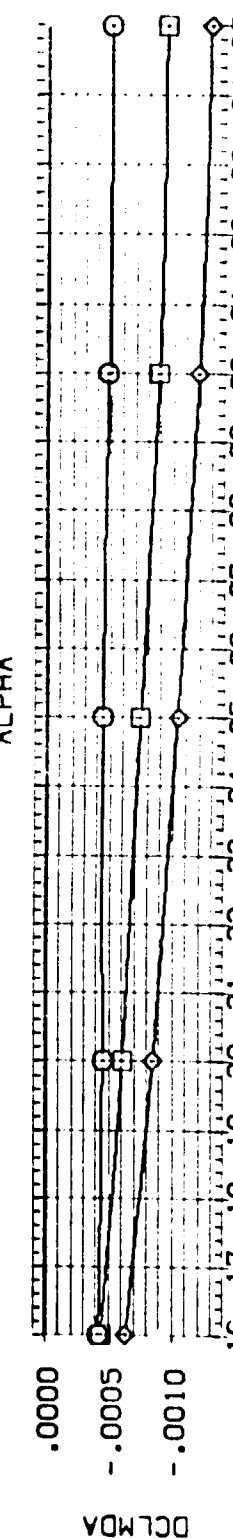
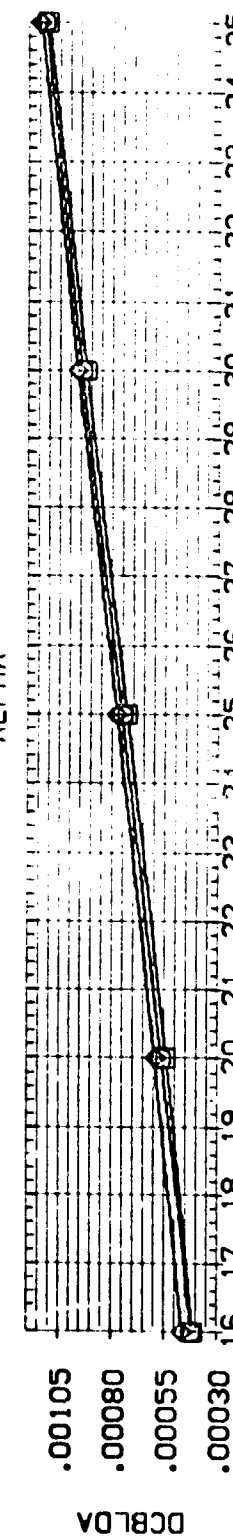
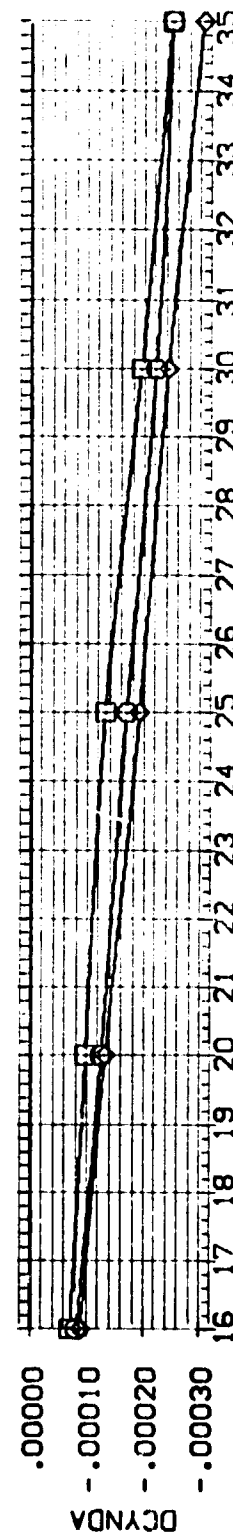
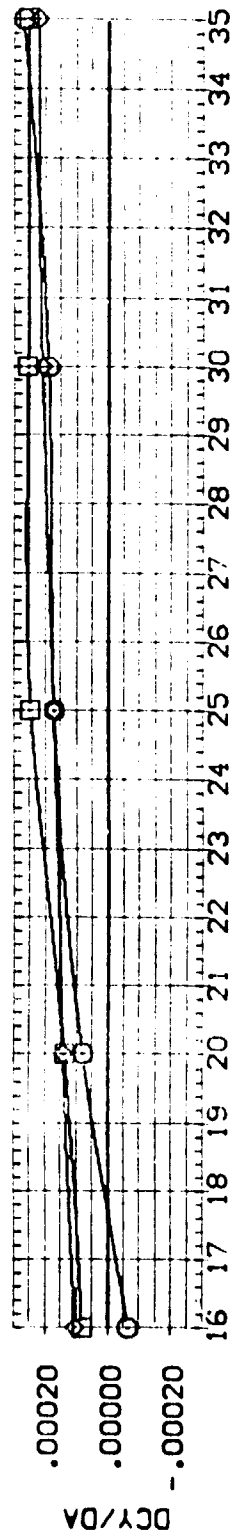


FIG 17 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -5 DEG.
(A) MACH = 6.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(JTN074) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)
 (JTN072) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)
 (JTN068) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (V8RS)

DLTAL ELEVTR BOFLAP SPDBRK REFERENCE INFORMATION
 5.000 -5.000 -11.700 55.000 SREF 87.1560 50. IN.
 10.000 -5.000 -11.700 55.000 LREF 7.1220 INCHES
 15.000 -5.000 -11.700 55.000 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP 1.0000 INCHES
 ZMRP -1.3750 INCHES
 SCALE .0150

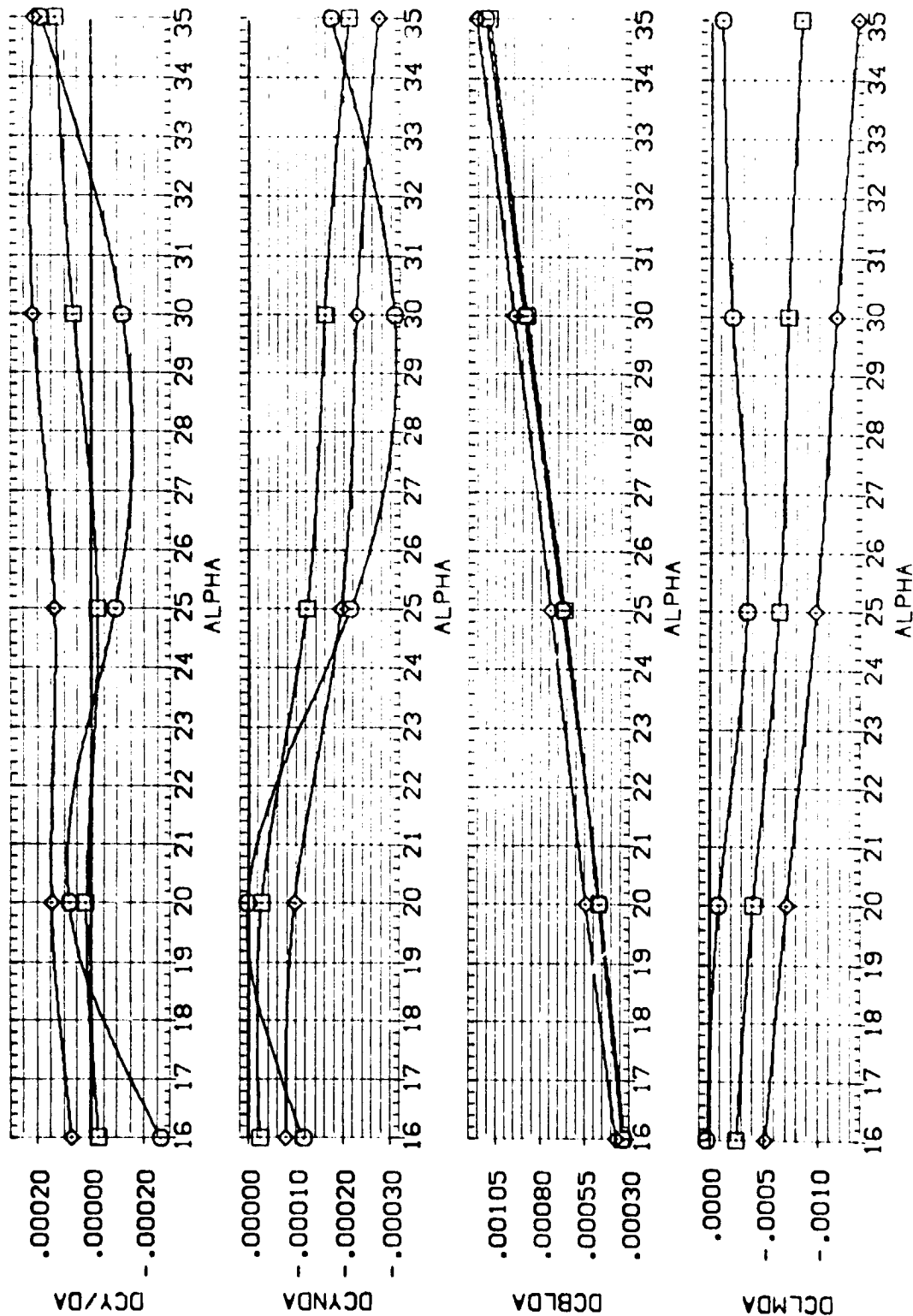


FIG 17 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= -5 DEG.

(B)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILERON	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(RTN011)	AEDC VA474(QA77/78) (B26C9-7H7)(V116E26)(V8R5)	.000	.000	-11.700	55.000	SREF 87.1560 SQ. IN.
(RTN073)	AEDC VA474(QA77/78) (B26C9-7H7)(V116E26)(V8R5)	5.000	.000	-11.700	55.000	LREF 7.1220 INCHES
(RTN069)	AEDC VA474(QA77/78) (B26C9-7H7)(V116E26)(V8R5)	10.000	.000	-11.700	55.000	BREF 14.0520 INCHES
(RTN064)	AEDC VA474(QA77/78) (B26C9-7H7)(V116E26)(V8R5)	15.000	.000	-11.700	55.000	YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150

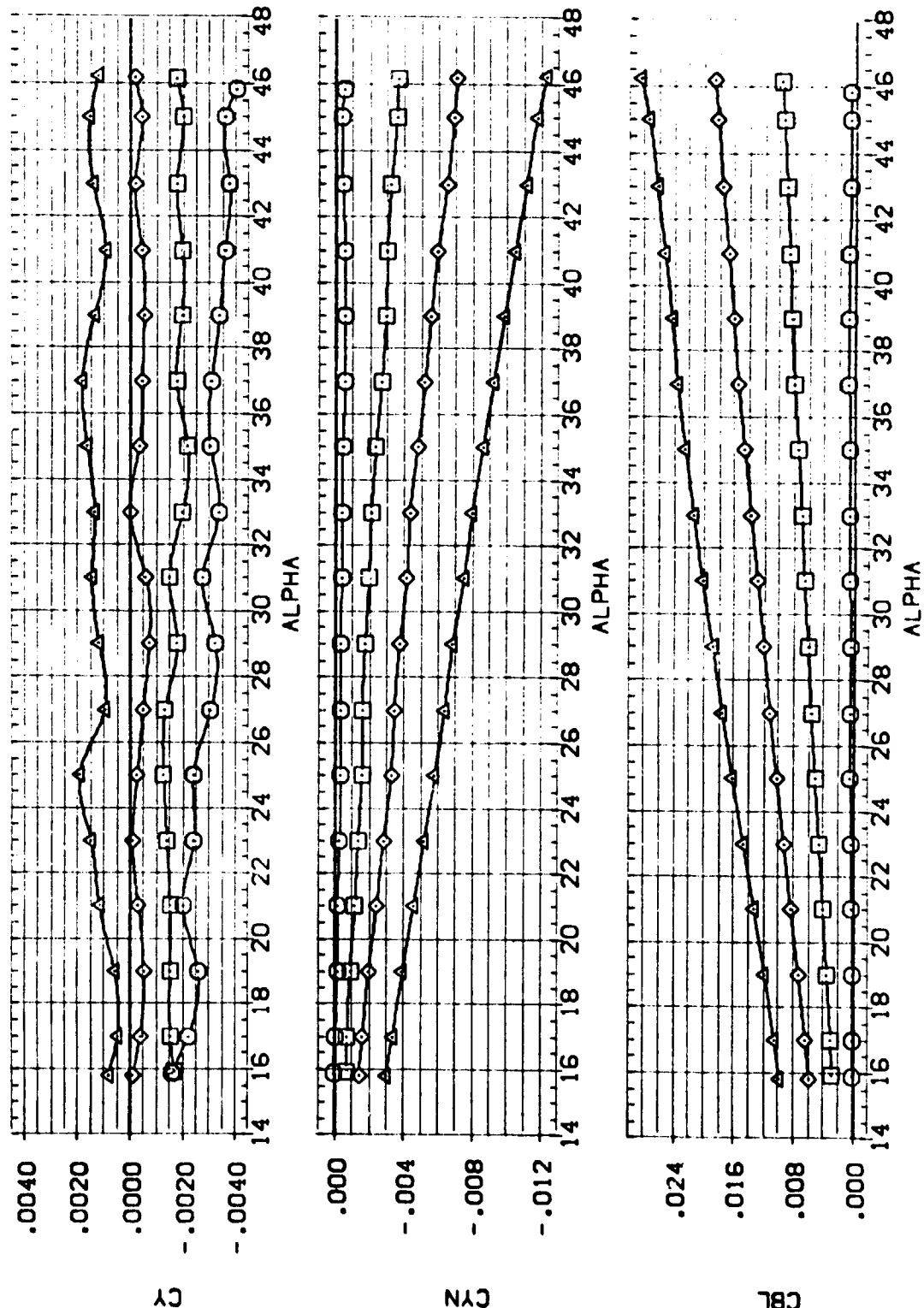


FIG 18 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 0 DEG.
 (A)MACH = 5.95

DATA SET SYMBOL CONFIGURATION DESCRIPTION AILERON ELEVTR BDFLAP SPOBRK REFERENCE INFORMATION SO IN.

(RTN011) AEDC VA474(0A77/78) (B26C9F7H7)(V116E26)(V8R5) .000 .000 -11.700 55.000 SREF 87.1560 INCHES

(RTN073) DATA NOT AVAILABLE 5.000 .000 -11.700 55.000 LREF 7.1220 INCHES

(RTN069) DATA NOT AVAILABLE 10.000 .000 -11.700 55.000 BREF 14.0520 INCHES

(RTN064) AEDC VA474(0A77/78) (B26C9F7H7)(V116E26)(V8R5) 15.000 .000 -11.700 55.000 XMRP 12.6750 INCHES

YMRP .0000 INCHES

ZMRP -3.750 INCHES

SCALE 0.150

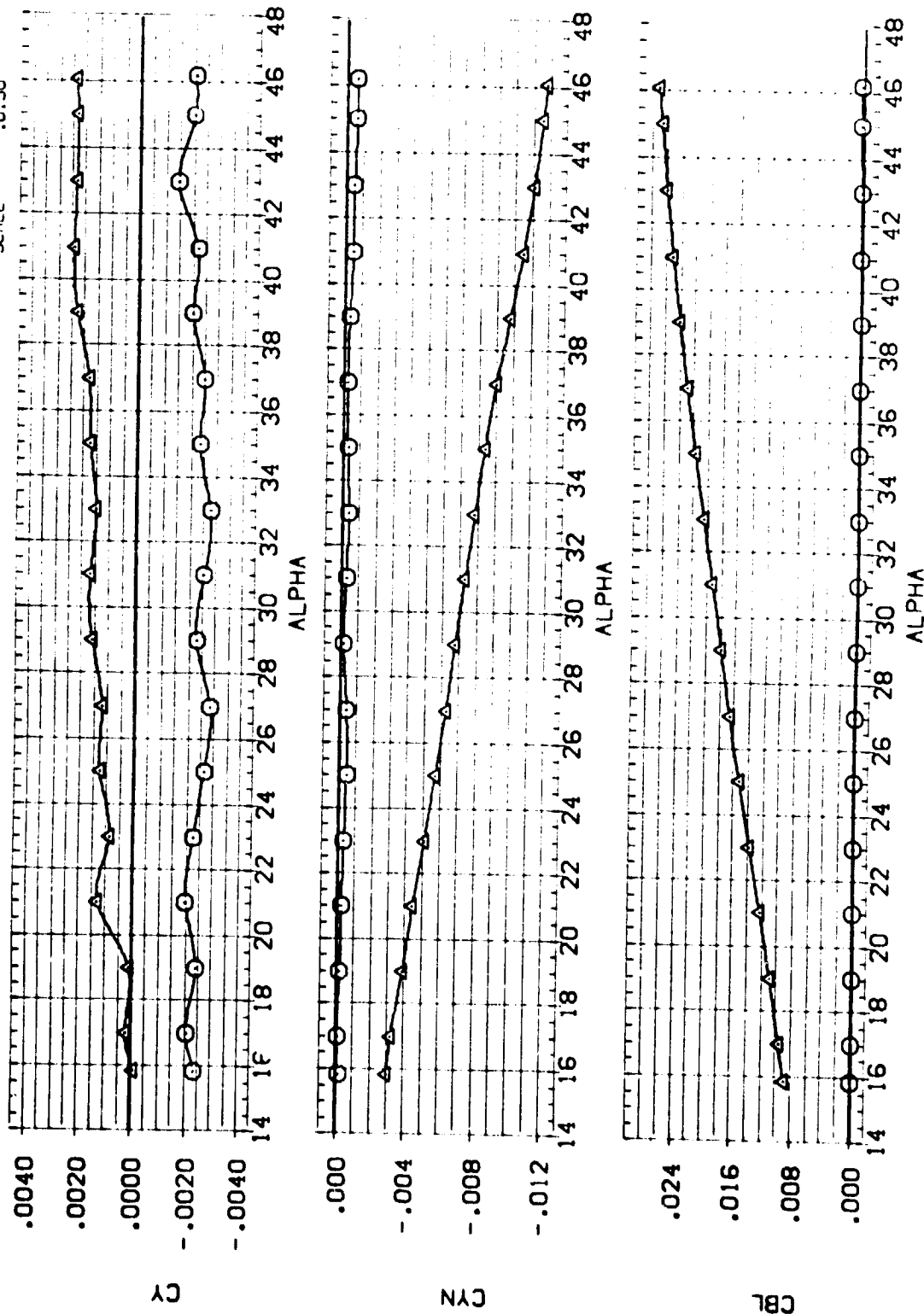
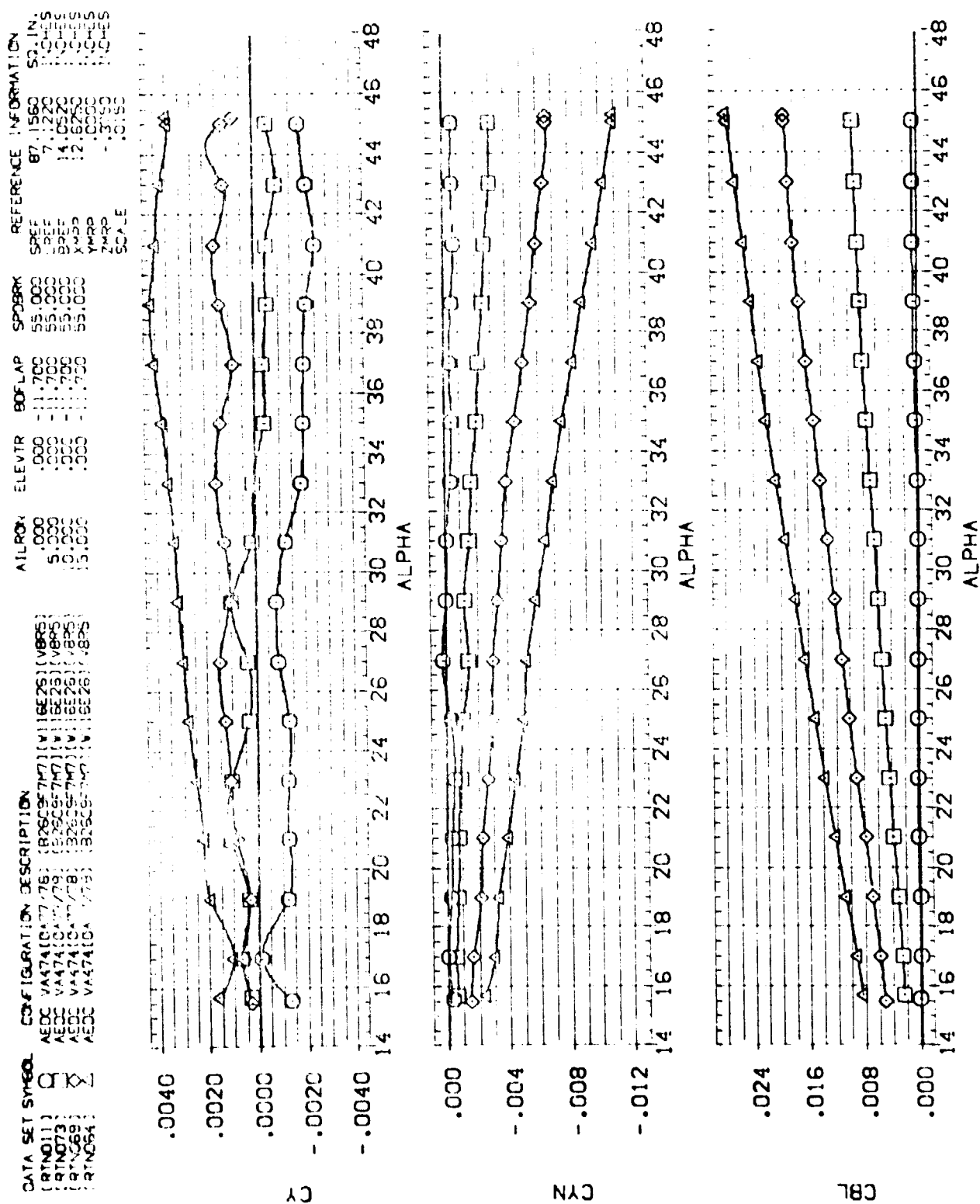


FIG 18 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 0 DEG.

(B)MACH = 8.00



DATA SET SYMBOL

(JTN073)
 (JTN069)
 (JTN064)

CONFIGURATION DESCRIPTION

AEDC VA474(OA77/78) (B26CSF 7M7) (V116E26) (V8R5)
 AEDC VA474(OA77/78) (B26CSF 7M7) (V116E26) (V8R5)
 AEDC VA474(OA77/78) (B26CSF 7M7) (V116E26) (V8R5)

DL TAIL 5.000
 10.000
 15.000

ELEVTR .000
 .000
 .000

BOFLAP -11.700
 -11.700
 -11.700

SPDBRK 55.000
 55.000
 55.000

REFERENCE INFORMATION
 SREF 87.1560 50.1N.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

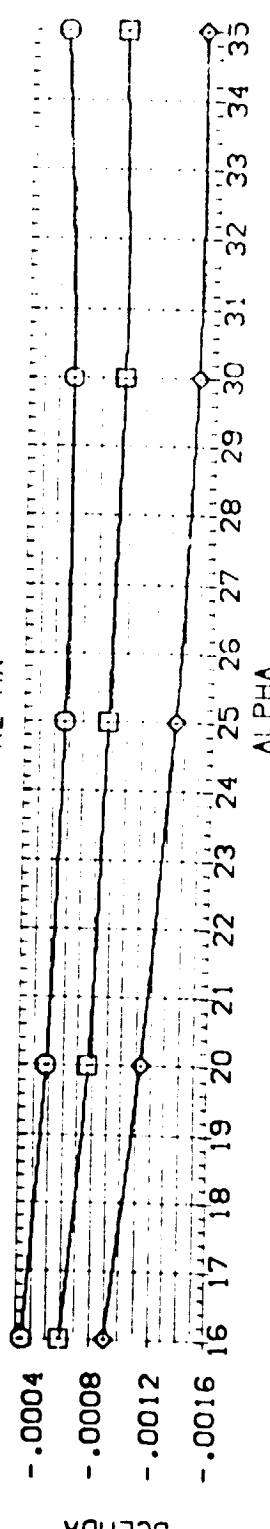
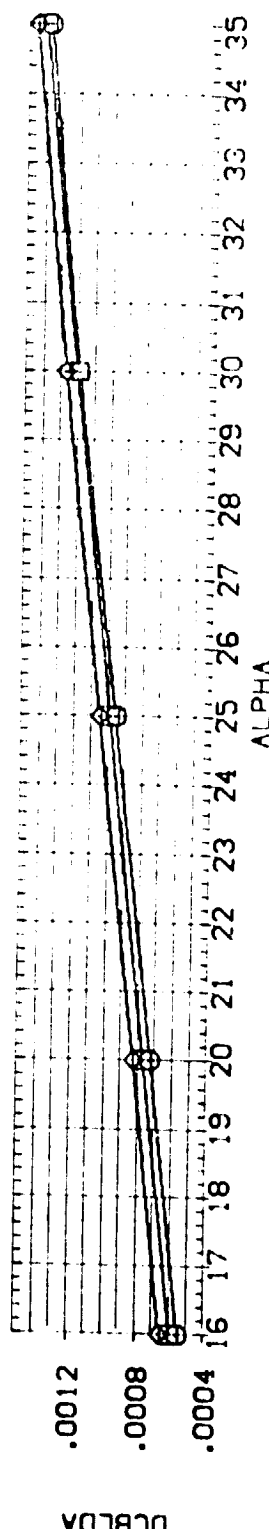
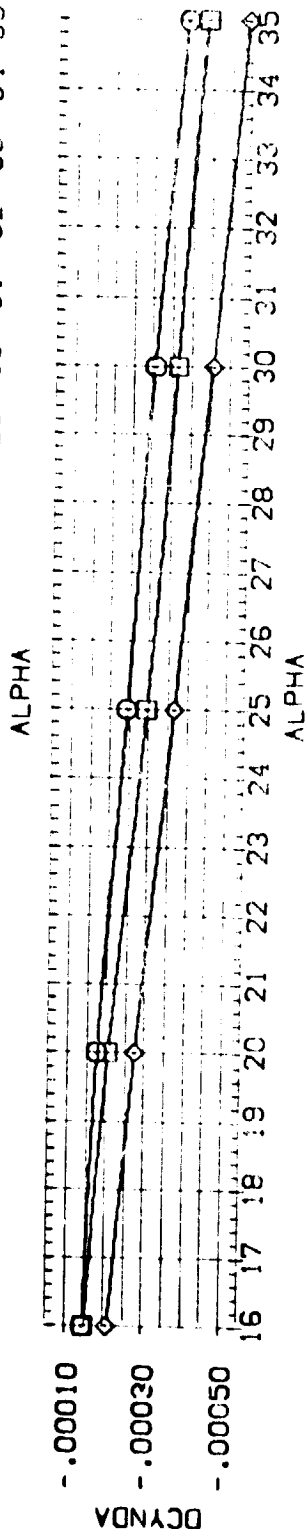
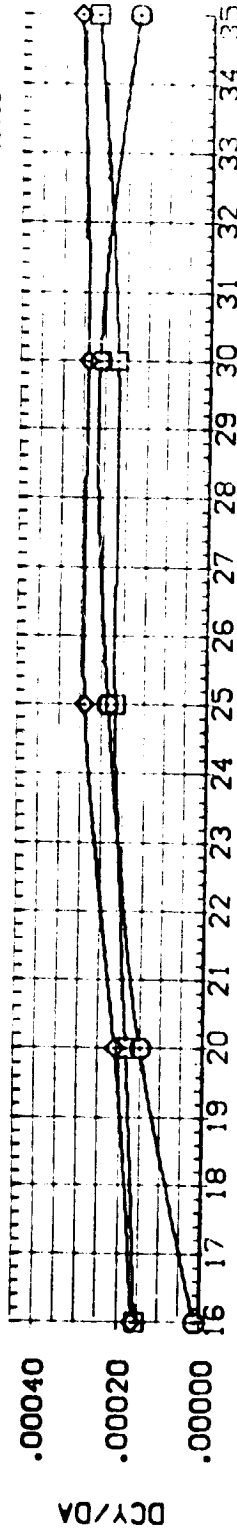


FIG 18 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 0 DEG.

(A)MACH = 6.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLTAL	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION	
(J7073)	DATA NOT AVAILABLE	5.000	.000	-11.700	55.000	SREF	87.1560
(J7073)	DATA NOT AVAILABLE	10.000	.000	-11.700	55.000	LREF	7.1120
(J7073)	DATA NOT AVAILABLE	15.000	.000	-11.700	55.000	BREF	14.0520
(J7073)	DATA NOT AVAILABLE					XMRP	12.6250
	AEDC VA474(GA-7,78) (B2SC97M7)(V118E26)(VBR5)					YMRP	.0000
						ZMRP	.3750
						SCALE	0.150

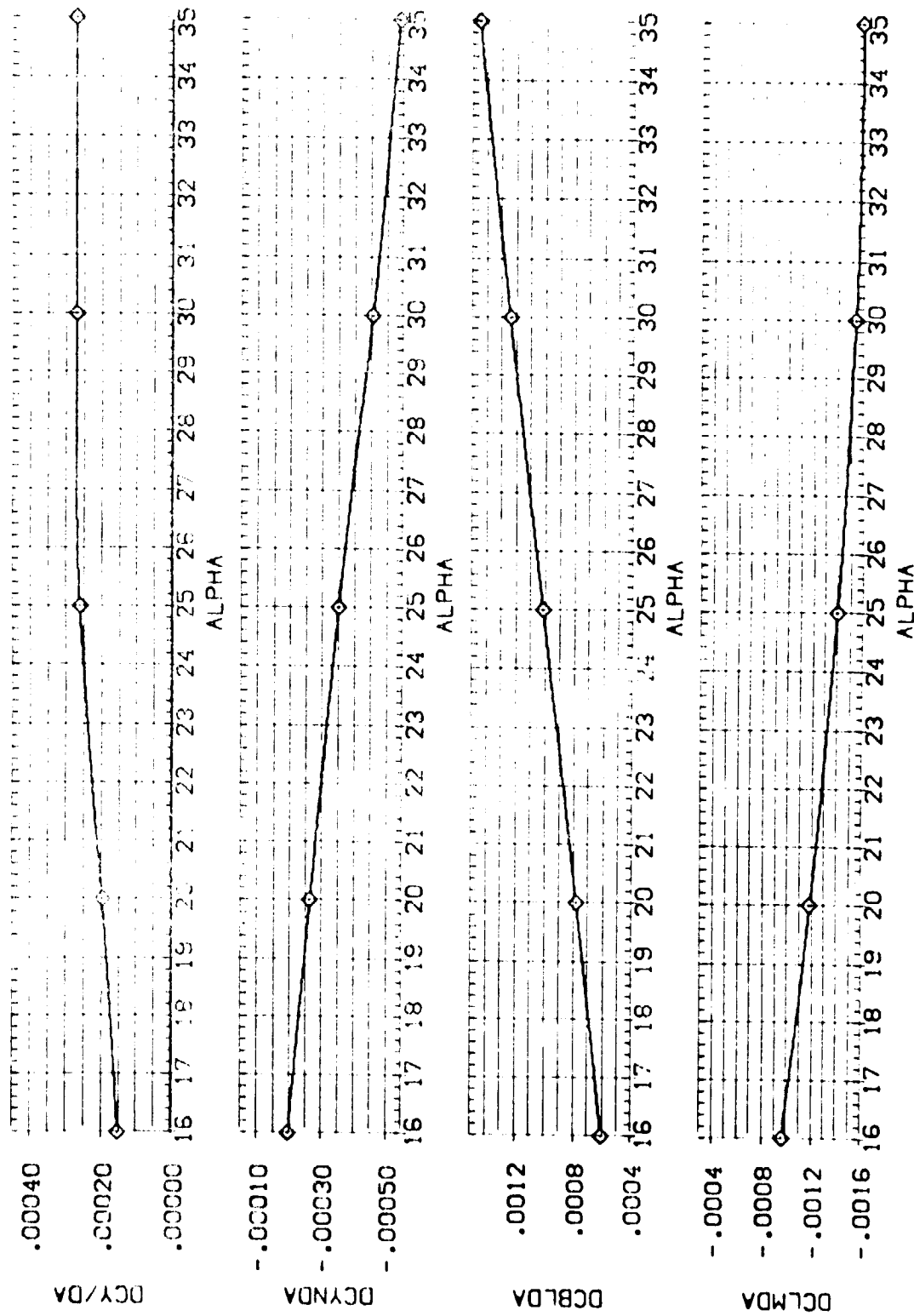


FIG 18 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 0 DEG.

(B)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DLTAL	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION	
(JINQ73)	AEDC VA474(0A77/78) (B26C5F7H7)(W116E26)(V8R5)	5.000	.000	-11.700	55.000	SREF	87.1560
(JINQ69)	AEDC VA474(0A77/78) (B26C5F7H7)(W116E26)(V8R5)	10.000	.000	-11.700	55.000	LREF	7.1220
(JINQ64)	AEDC VA474(0A77/78) (B26C5F7H7)(W116E26)(V8R5)	15.000	.000	-11.700	55.000	BREF	14.0520
						YMRP	12.6250
						ZMRP	.0000
						SCALE	-.3750
							.0150

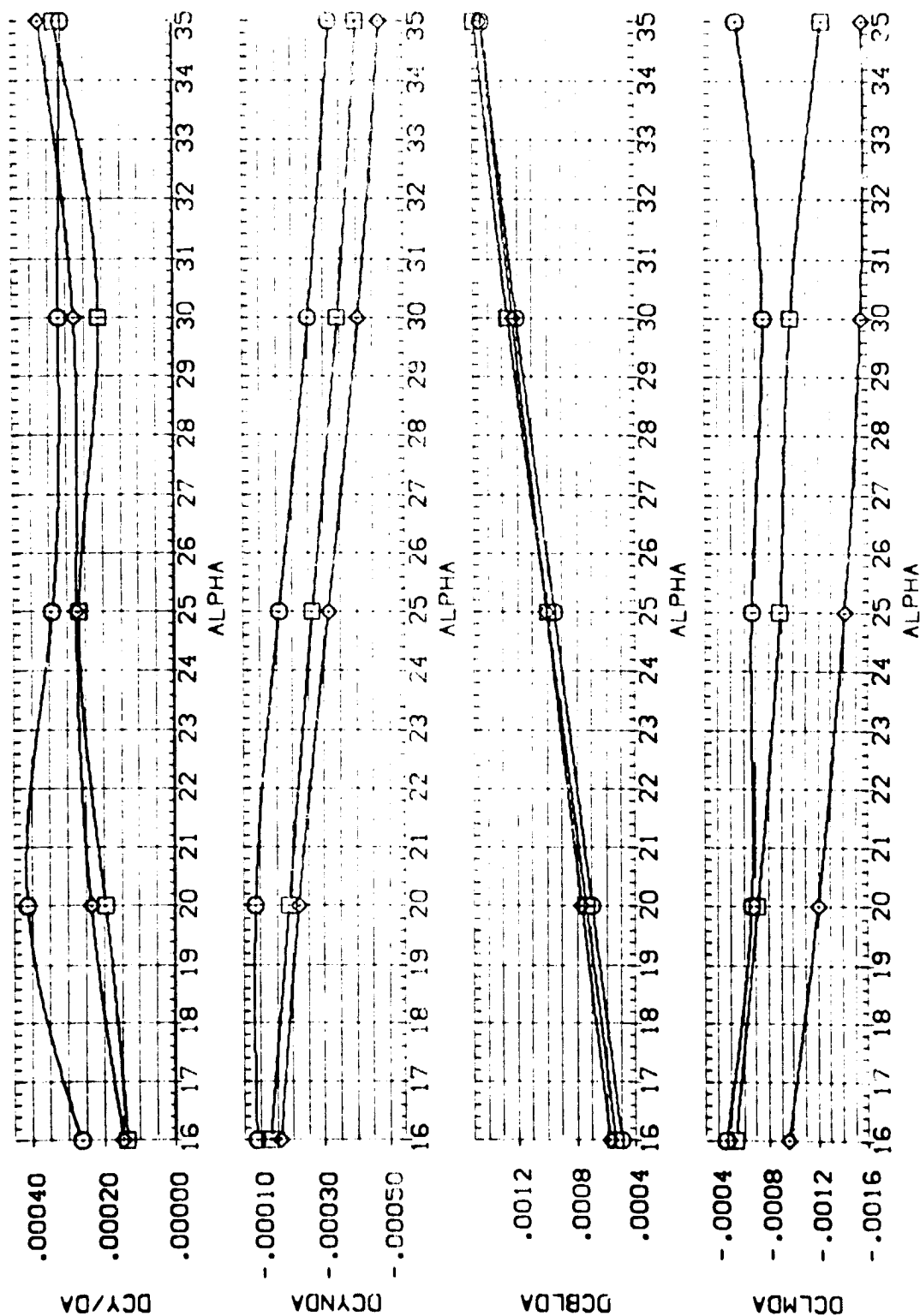


FIG 18 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 0 DEG.

(C)MACH = 10.00

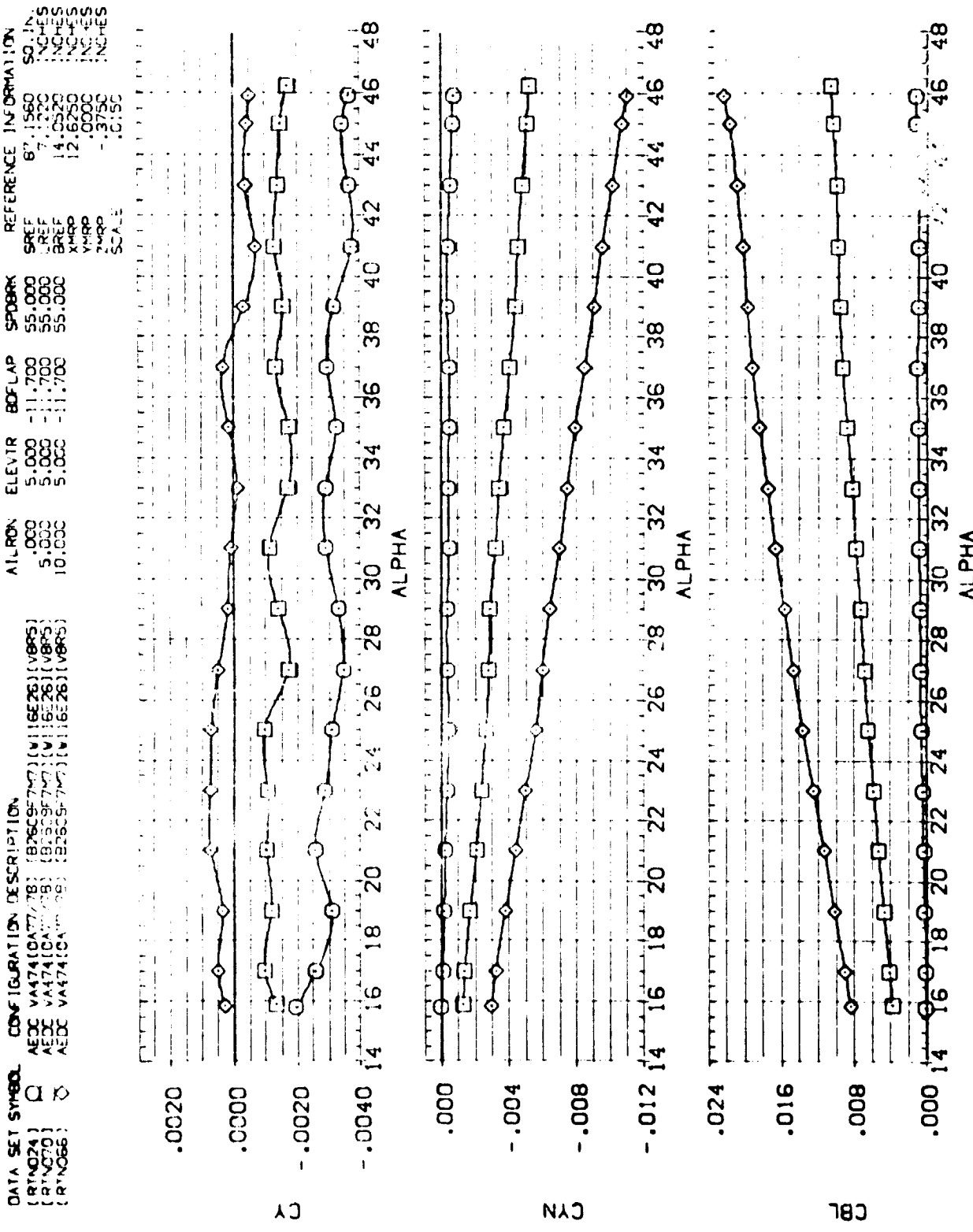


FIG 19 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 5 DEG

(A)MACH = 6.00

DATA SET SYMBOL: (RT-024) (RT-070) (RT-086)

CONFIGURATION DESCRIPTION:
 AEDE VA474(0A77/78) (B26C5F7H7) (W116E26)(V08P5)
 AEDE VA474(0A77/78) (B26C5F7H7) (W116E26)(V08P5)
 AEDE VA474(0A77/78) (B26C5F7H7) (W116E26)(V08P5)

AILERON: .000 5.000 10.000

ELEVATOR: 5.000 5.000 5.000

BDFLAP: -11.700 -11.700 -11.700

SP0808K: 55.000 55.000 55.000

REFERENCE INFORMATION:
 SPREF: 87.1560 SO. IN.
 LREF: 7.1220 NC-HS
 BREF: 14.0520 NC-HS
 XMRP: 12.6250 NC-HS
 YMRP: .0000 NC-HS
 ZMRP: -.3750 NC-HS
 SCALE: 0.50

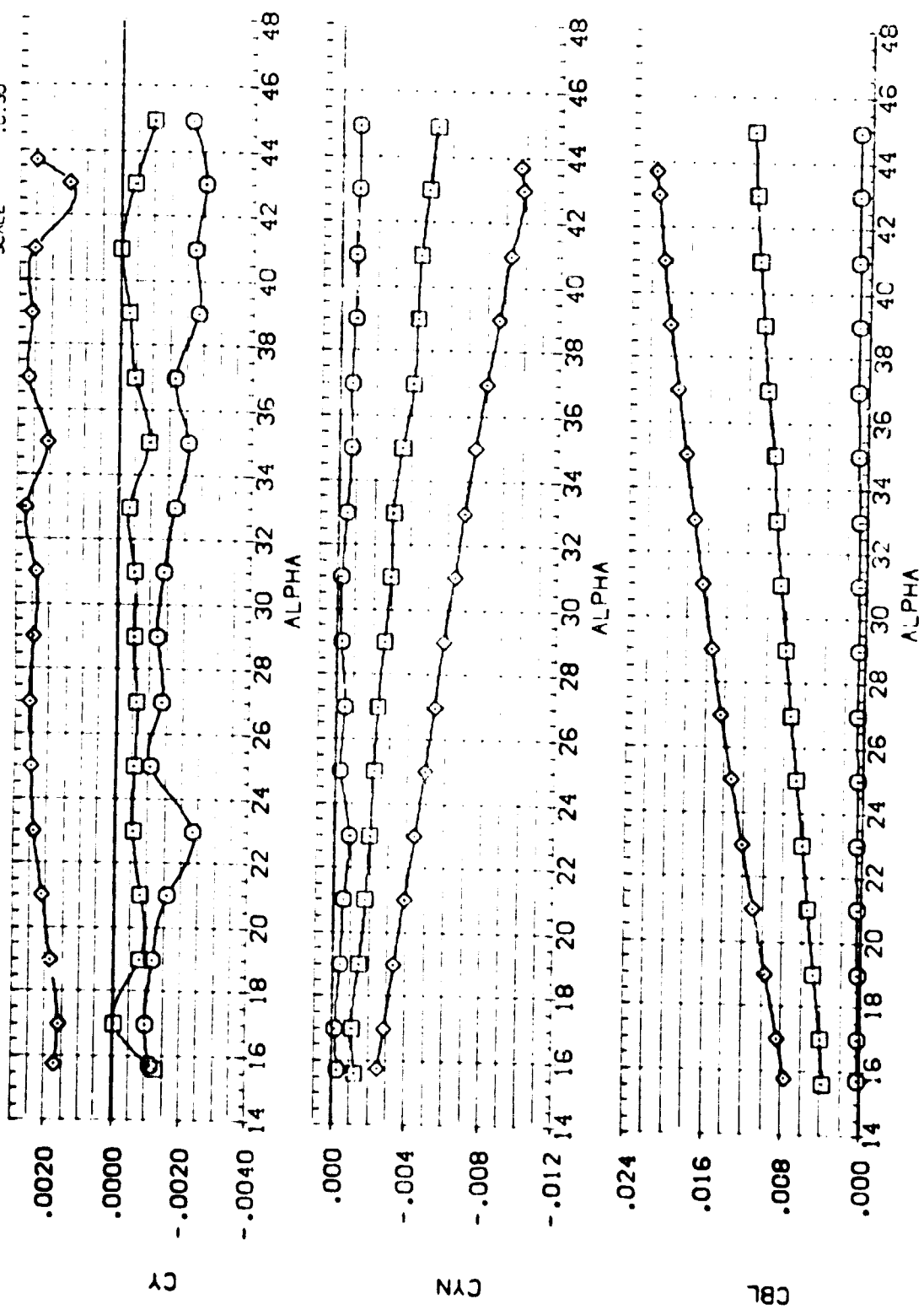


FIG 19 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 5 DEG.
 (B)MACH = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DETAIL	ELEVTR	BUFLAP	SPODBAK	REFERENCE INFORMATION
(ATN073)	AEDC V474(C) (719) (B76C97M7) (V116E26) (V8PS)	5.000	5.000	-11.700	55.000	87.1560
(ATN066)	AEDC V474(C) (718) (B76C97M7) (V116E26) (V8PS)	10.000	5.000	-11.700	55.000	7.1220
						14.0520
						12.6250
						0.0000
						-3750
						10.150
						SCALE

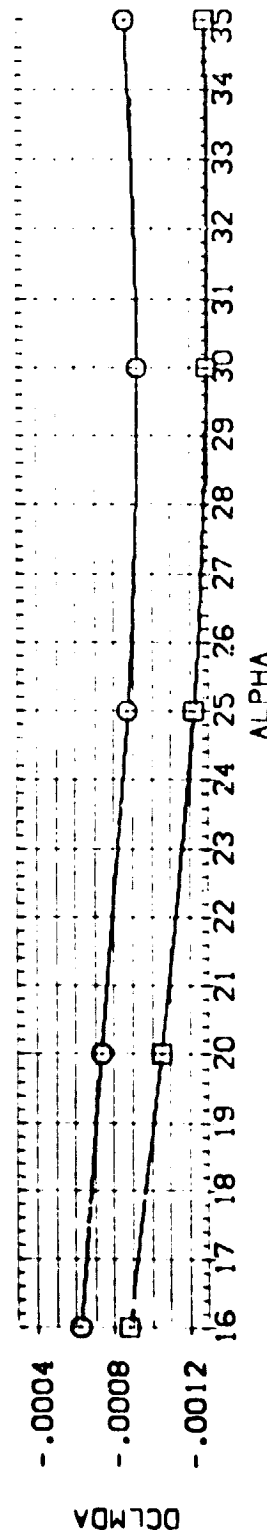
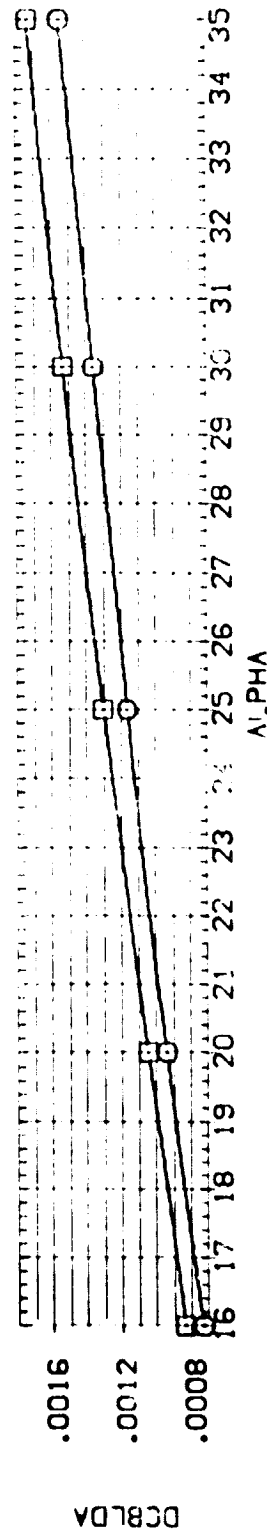
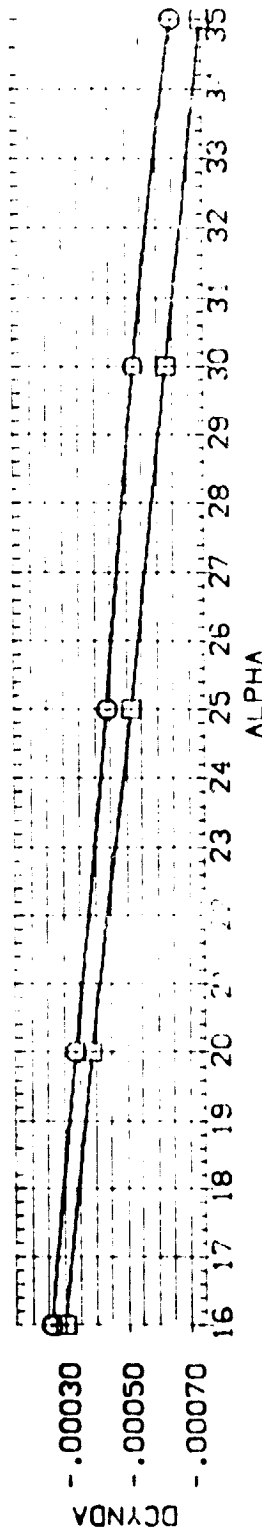
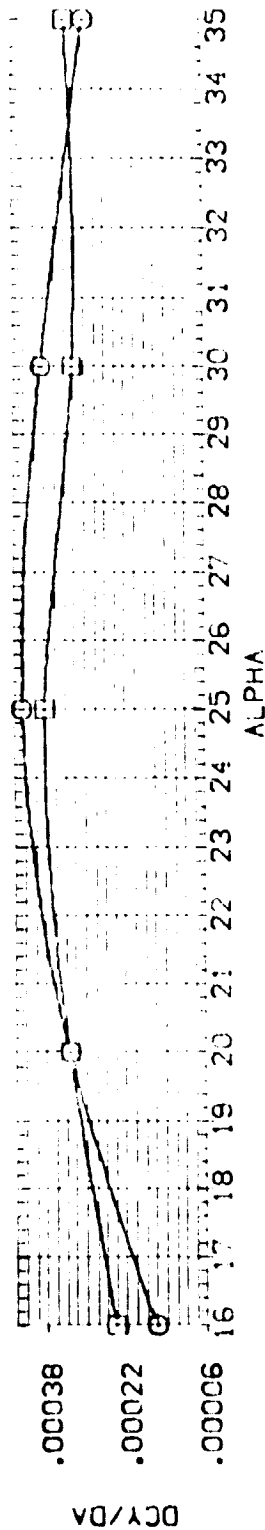


FIG 19 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 5 DEG.

(A)MAC = 6.00

DATA SET SYMBOL

{JTN070}
{JTN066}

CONFIGURATION DESCRIPTION
AEDC VA474(DA77/78) (B26C97M7)(V1|B226)(V8RS)
AEDC VA474(DA77/78) (B26C97M7)(V1|B226)(V8RS)

DLTAL ELEVTR BOFLAP SPOBRK
5.000 5.000 -11.700 55.000
10.000 -11.700 55.000

REFERENCE INFORMATION
SREF 87.1560 50. IN.
LREF 7.1220 INCHES
BREF 14.0520 INCHES
XMRP 12.6250 INCHES
YMRP .0000 INCHES
ZMRP -.3750 INCHES
SCALE .0150

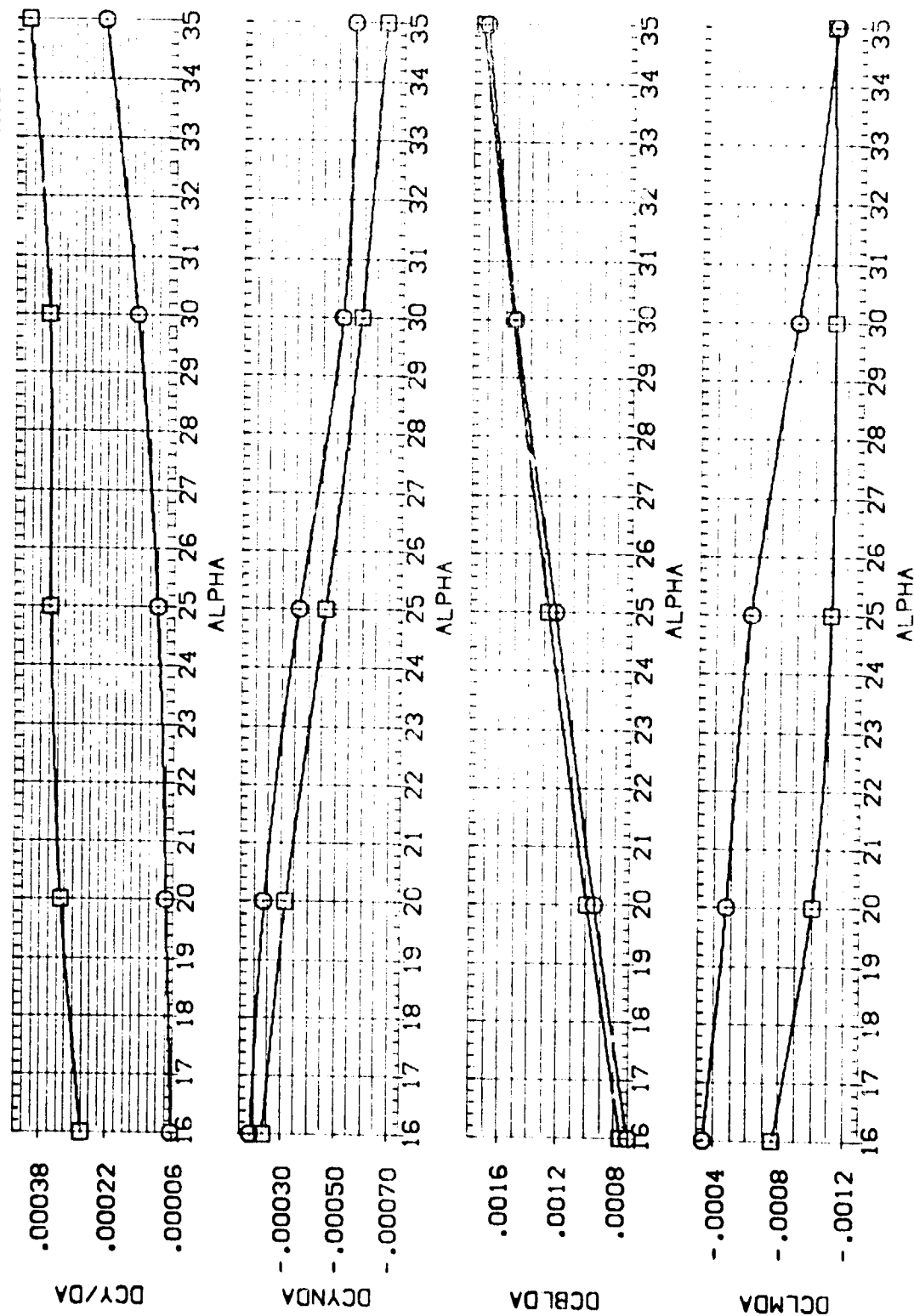


FIG 19 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 5 DEG.

(B)MACH = 10.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION

(RTN025) AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)

(RTN067) AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)

REFERENCE INFORMATION	
SREF	87.1560 SQ. IN.
LREF	7.1220 INCHES
BREF	14.0520 INCHES
XMPP	12.6250 INCHES
YMPP	.0000 INCHES
ZMPP	-.3750 INCHES
SCALE	.0150

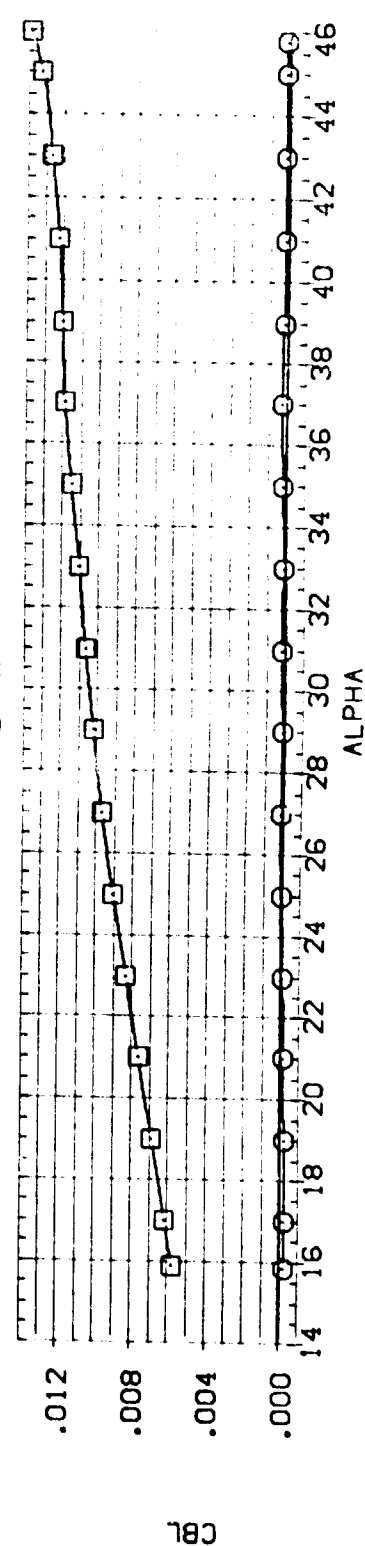
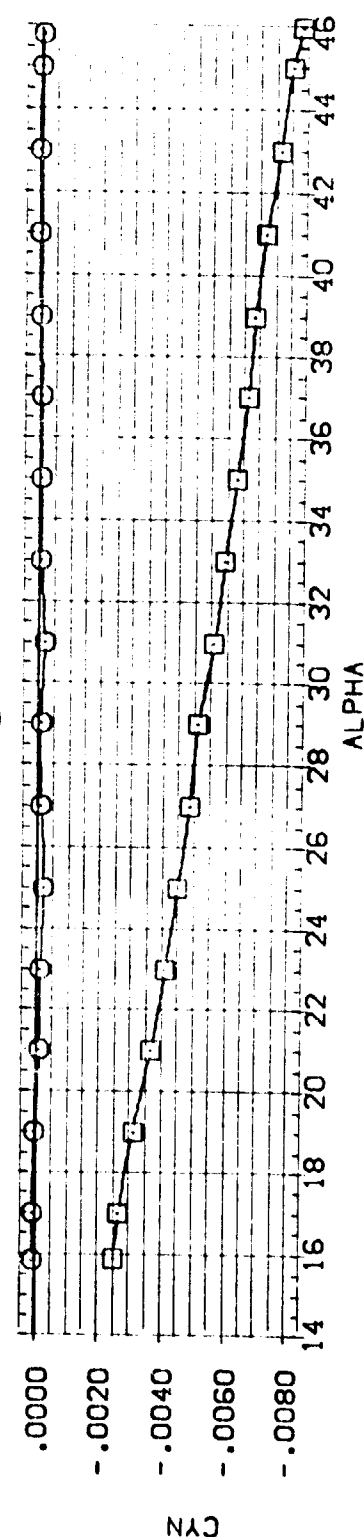
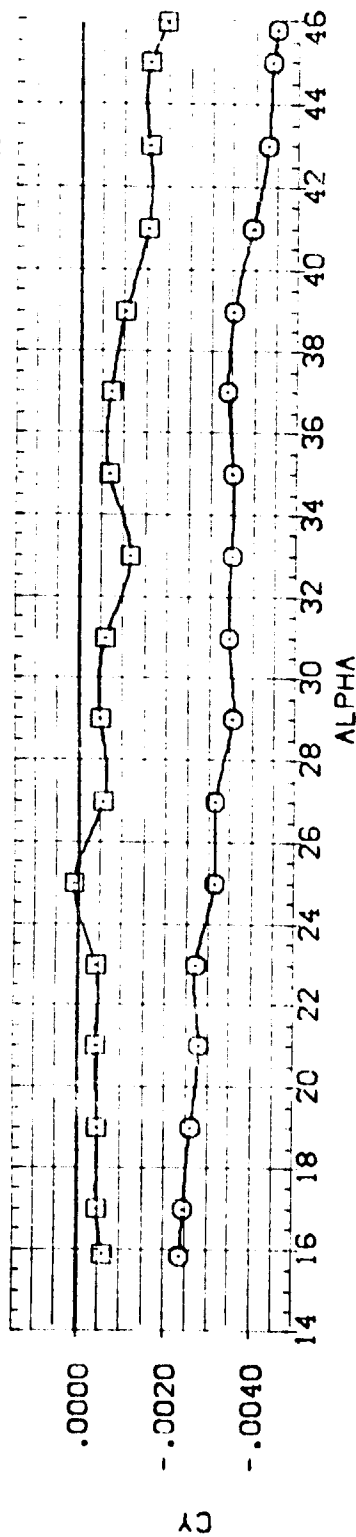


FIG 20 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 10 DEG.

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	AILERON	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION	
(RTN025)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	.000	10.000	-11.700	55.000	SREF	87.1560 SQ. IN.
(RTN057)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(VBR5)	5.000	10.000	-11.700	55.000	LREF	7.1220 INCHES
						BREF	14.0520 INCHES
						YMRP	12.6250 INCHES
						ZMRP	9.000 INCHES
						SCALE	-.3750 INCHES

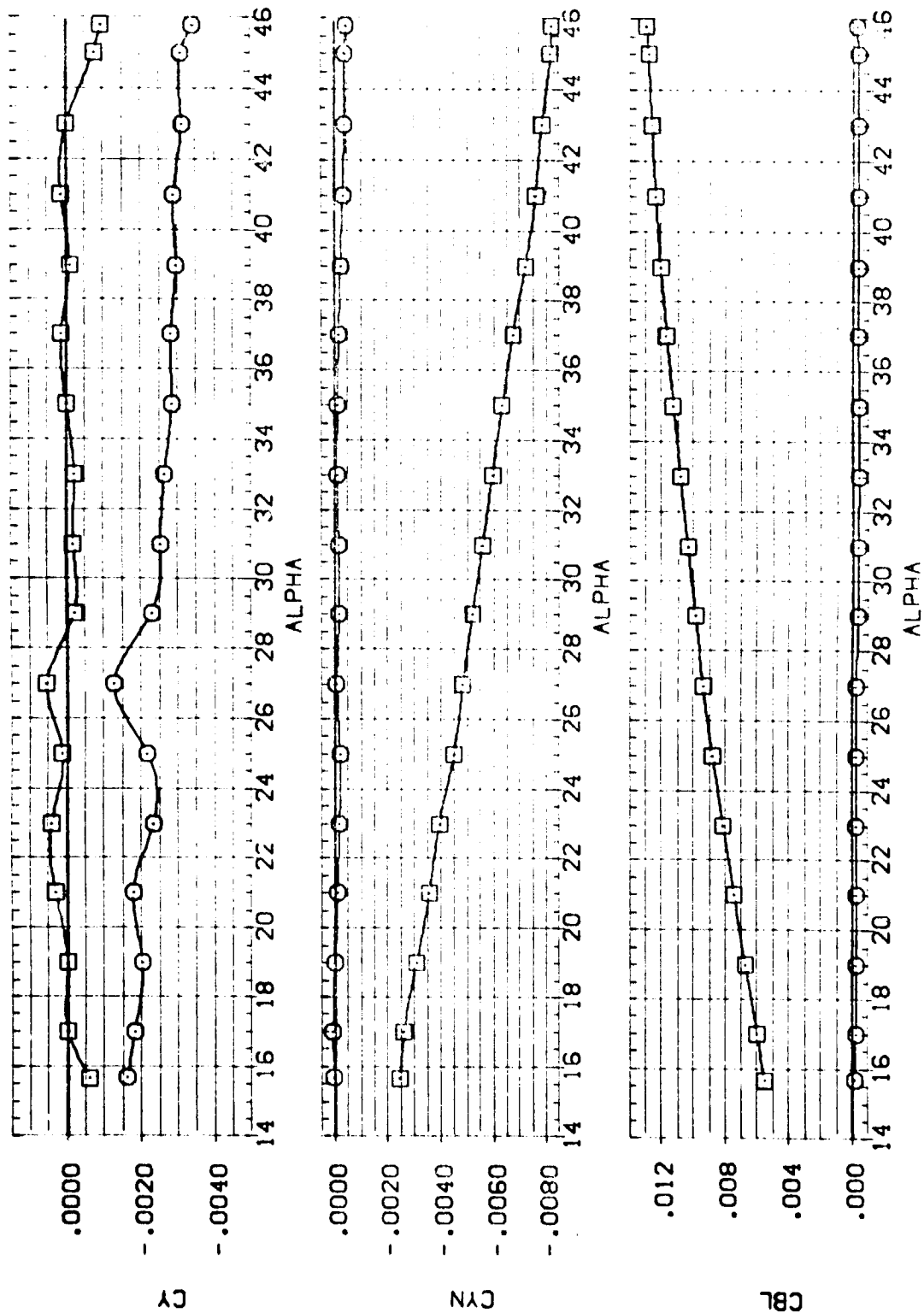


FIG 20 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 10 DEG.
(B)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
(J1N067) O AEDC VA474(0A77/78) (B26C97M7)(W116E26)(V895)

DLTAIL 5.000 ELEVTR 10.000 BDFLAP -11.700 SPDRK 55.000

REFERENCE INFORMATION
SREF 87.1560 50. IN.
LREF 7.1220 INCHES
BREF 14.0520 INCHES
XMRP 12.6250 INCHES
YMRP .0000 INCHES
ZMRP -.3750 INCHES
SCALE .0150

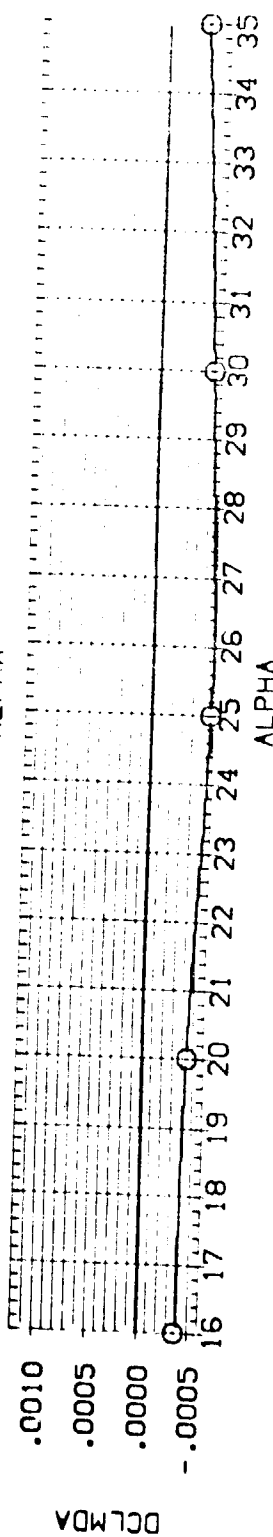
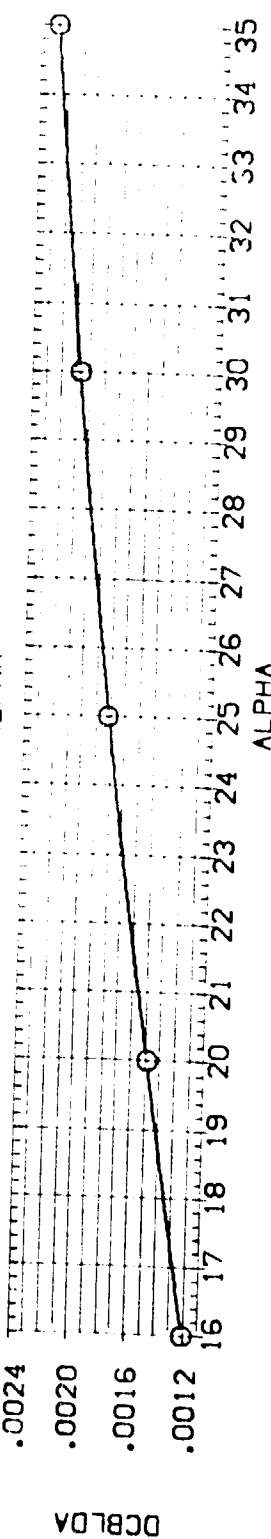
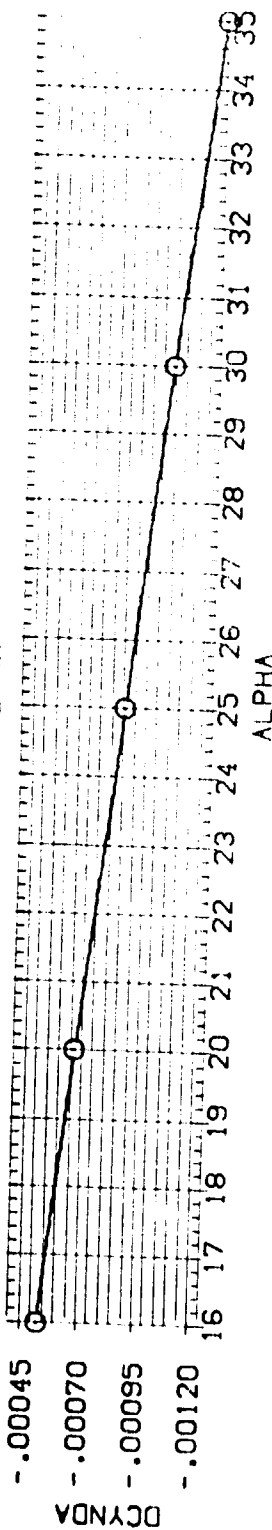
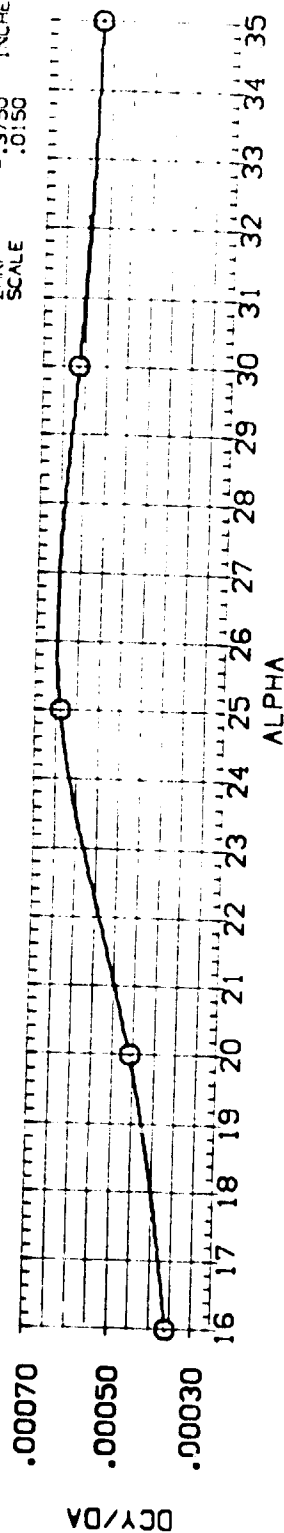


FIG 20 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 10 DEG.
(A)MACH = 6.00

DATA SET SYMBOL (JTN067) ○ AEDC VA174(0A77/78) (826C9F7M7)(V116E26)(V8R5)

CONFIGURATION DESCRIPTION

DLTAL ELEVTR 8DFLAP SPOBRK

5.000 10.000 -11.700 55.000

REFERENCE INFORMATION

SREF 87.1560 SQ. IN.

LREF 7.1220 INCHES

BREF 14.0520 INCHES

XMRP 12.6250 INCHES

YMRP .0000 INCHES

ZMRP -.3750 INCHES

SCALE .0150

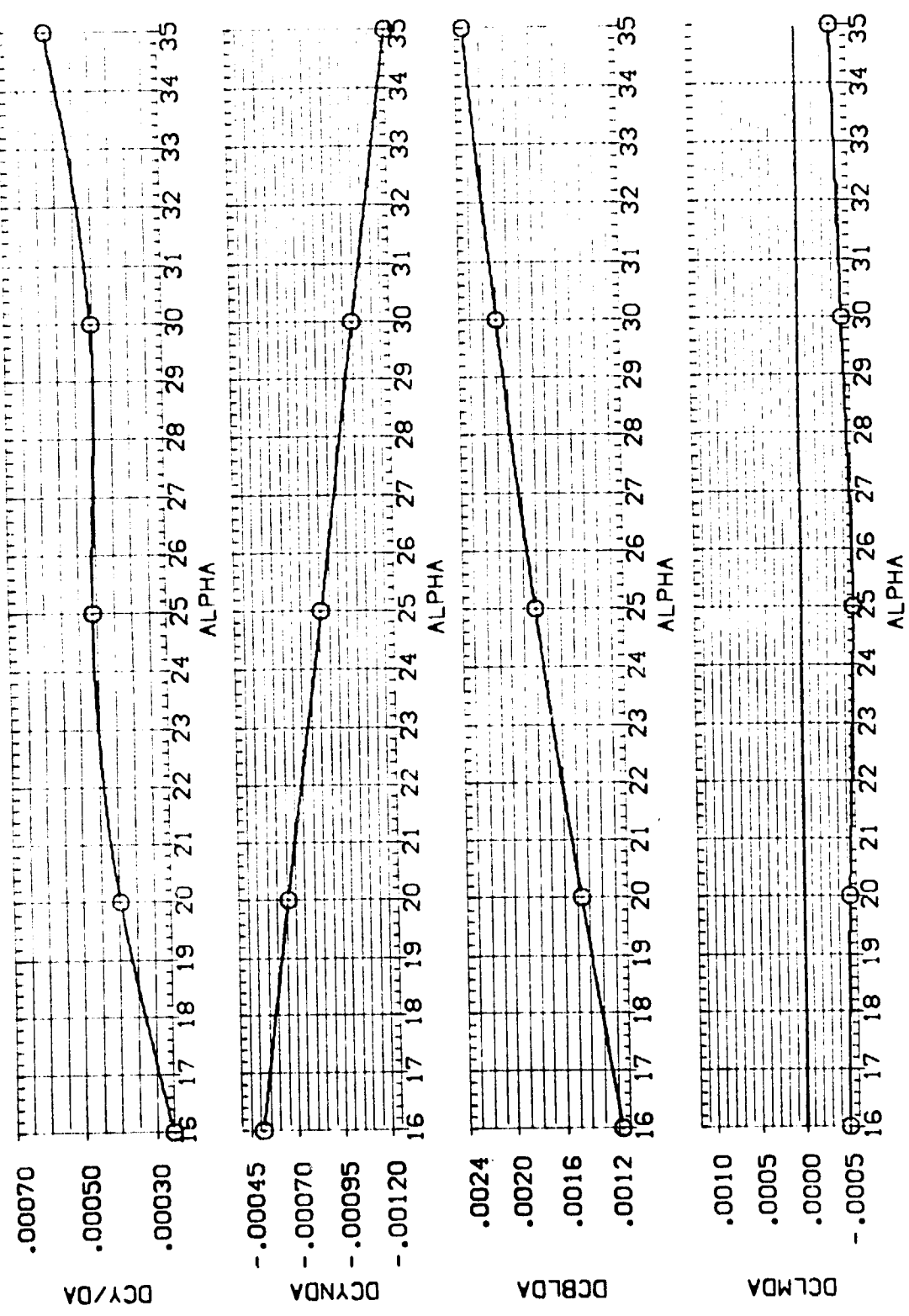


FIG 20 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 10 DEG.

(3)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(JUN057) O AEDC VA474(QA77/78) (B26C9-7M7)(V116E26)(V8RS)

DLTAIL ELEVTR BOFLAP SPOBRK

REFERENCE INFORMATION
SREF 87.1560 SQ. IN.
LREF 7.1220 INCHES
BREF 14.0520 INCHES
XMRP 12.6250 INCHES
YMRP .0000 INCHES
ZMRP -.3750 INCHES
SCALE .0150

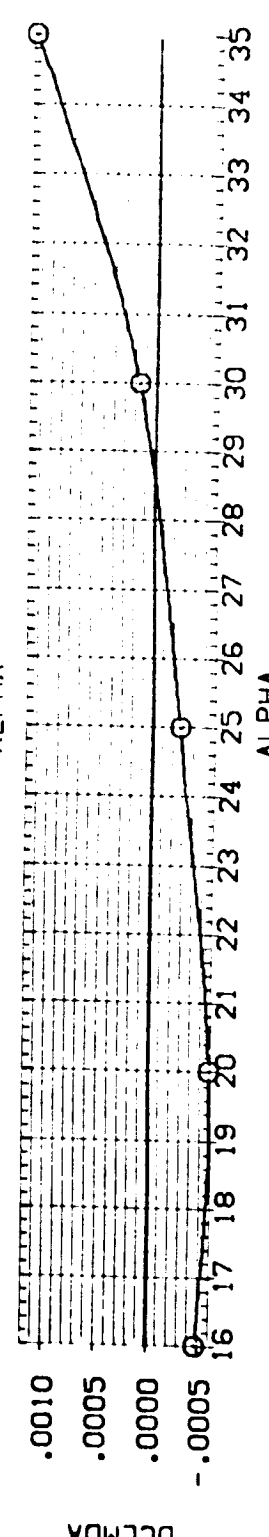
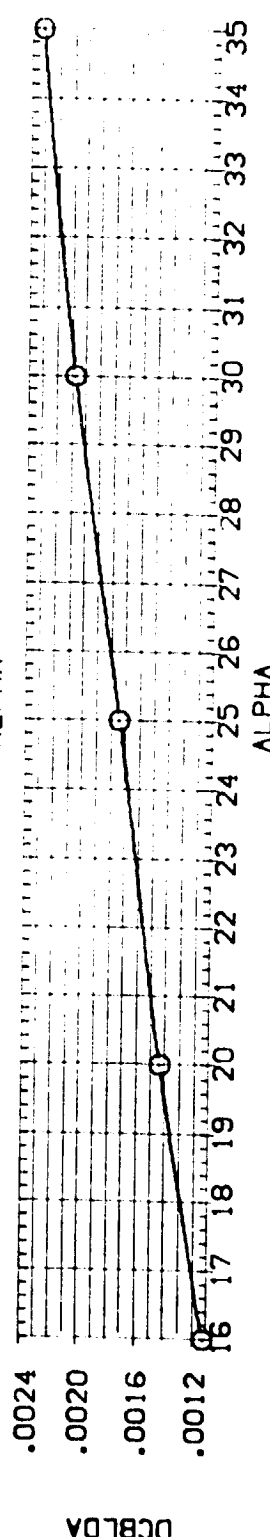
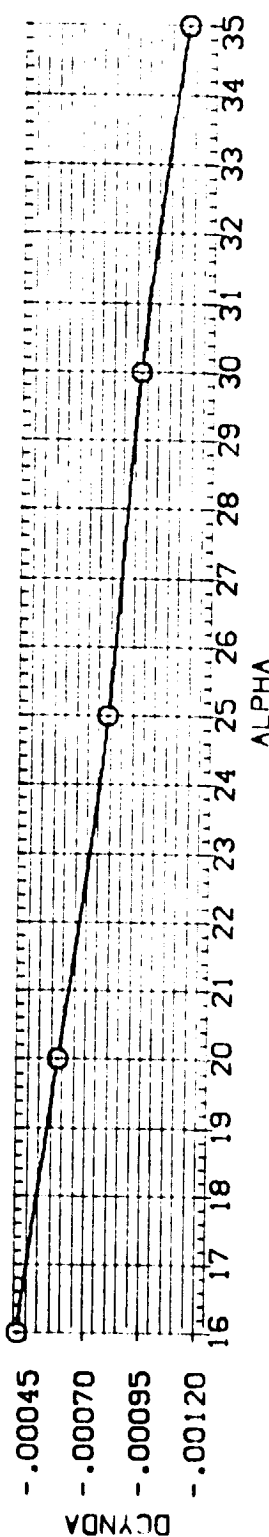
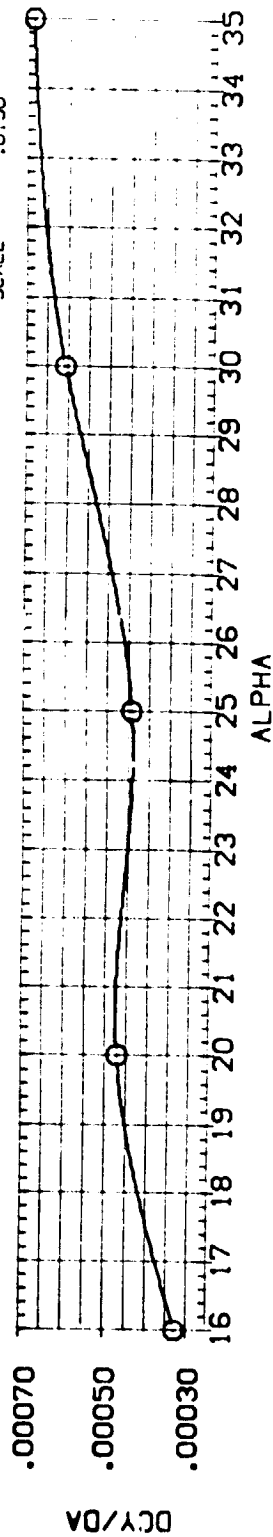


FIG 20 LATERAL-DIRECTIONAL AILERON EFFECTS AT ELEVATOR= 10 DEG.

(C)MACH = 10.00

DATA SET SYMBOL CONF I GURATION DESCRIPTION
(RTN055) ○ AEDC VA474 (DA77/78) (B26C9F7)

AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)

AILRON	ELEVTR	BDFLAP	SPDBRK
15.000	.000	-11.700	55.000

REFERENCE INFORMATION	
SREF	87.1563 SQ. IN.
LRFF	7.1220 INCHES
BRFF	14.0620 INCHES
XMRP	12.6250 INCHES
YMRP	0.0000 INCHES
ZMRP	-0.3750 INCHES
SCALE	.0150

REF

338
3385

3388

Y
X

3:05 PM
ZMD

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NO. 1

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SECHN:

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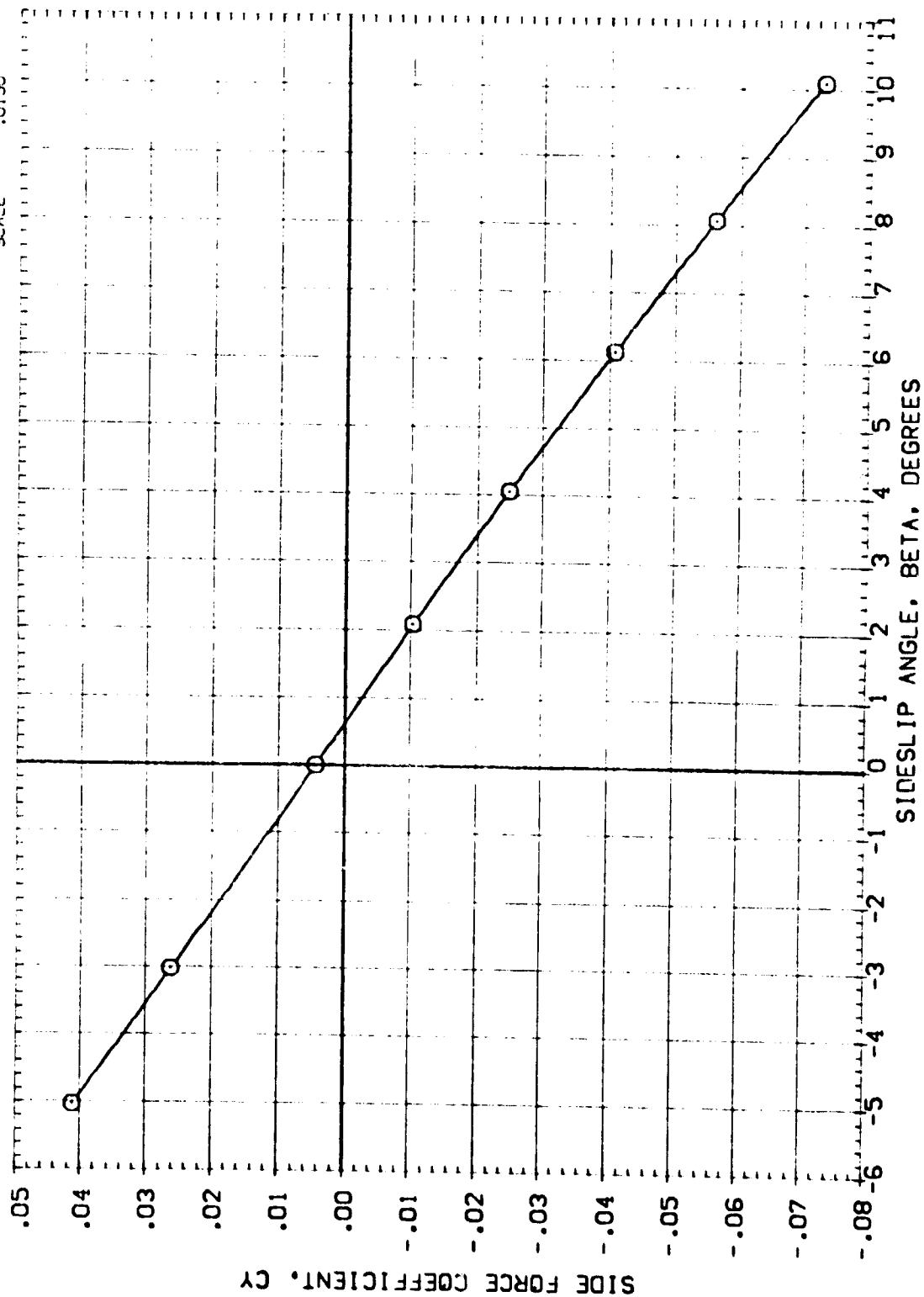


FIG 21 LAT.-DIRECT. AILERON EFFECTS, BETA SWEEP, ALPHA=30 DEG., ELEVATOR= 0 DEG.
(A)MACH = 8.00 PAGE 357

$$[A]_{ACH} = 8.00$$

DATA SET SYMBOL CONFIGURATION DESCRIPTION
(RTN065) O AEDC VA474(10A77/78) (826C9F747)(V118E26)(V895)

AILERON ELEVTR BOFLAP SPOBRK
15.000 .000 -11.700 55.000

REFERENCE INFORMATION
SREF 87.1550 50. IN
LREF 7.1220 INCHES
BREF 14.0520 INCHES
YMRP 12.6250 INCHES
ZMRP .0000 INCHES
SCALE -.3750 INCHES
.0150

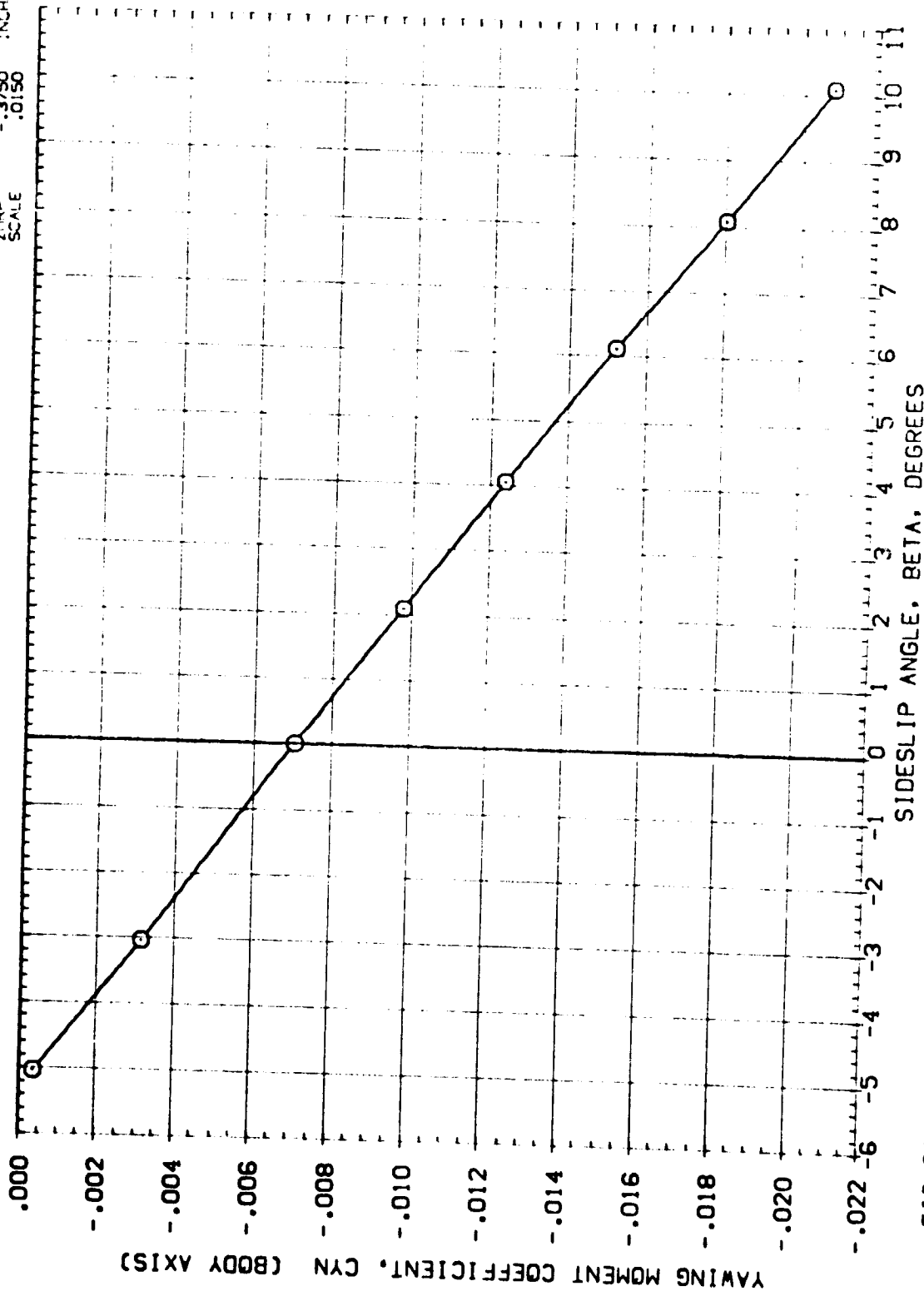


FIG 21 LAT.-DIRECT. AILERON EFFECTS, BETA SWEEP, ALPHA=30 DEG., ELEVATOR= 0 DEG.
(A)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION
 (RTN055) ○ AEDC VA474(0477/78) (B26C9F7H7)(V116E26)(VBR05)

REFERENCE INFORMATION
 SREF 87.1560 50. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

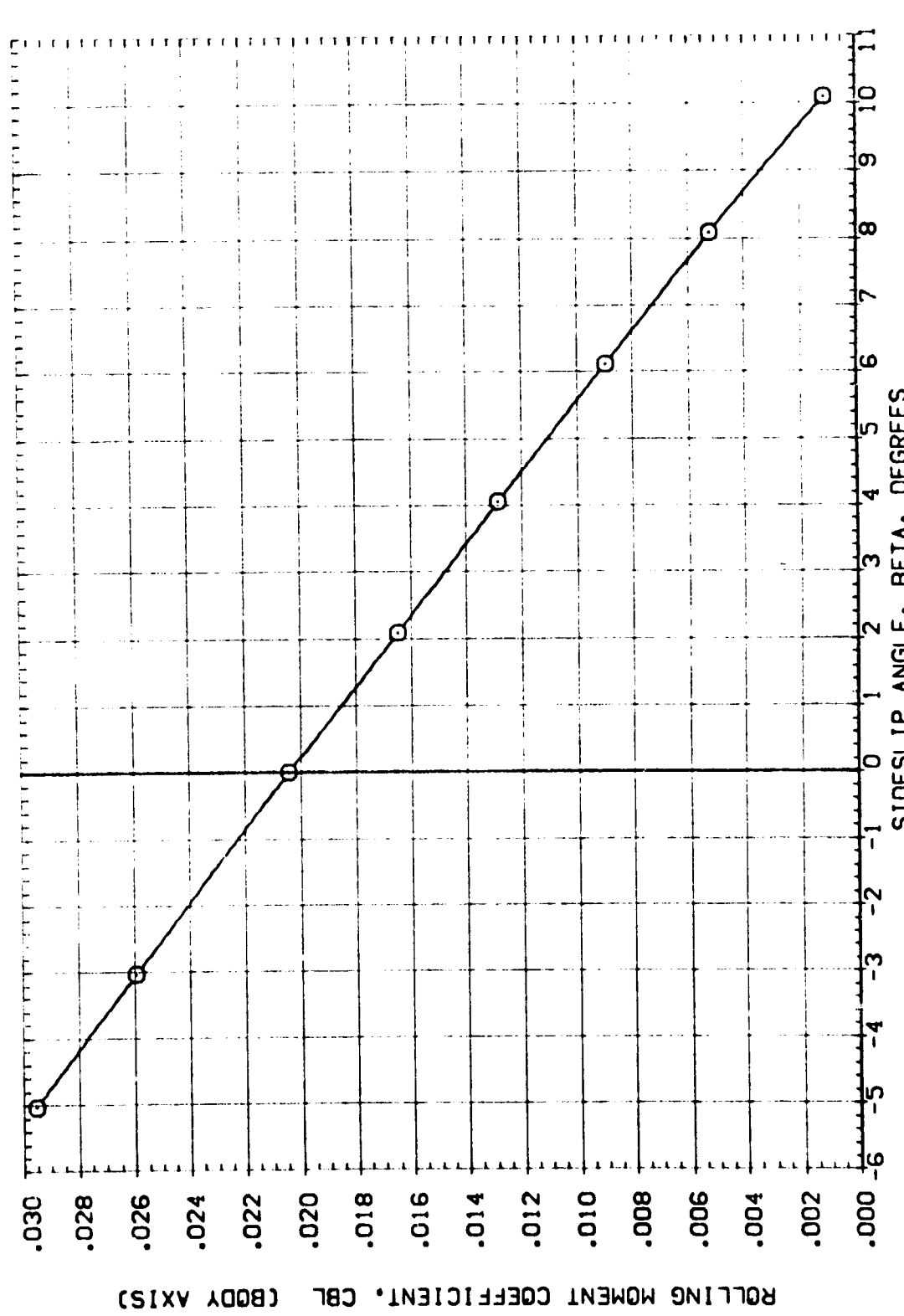


FIG 21 LAT.-DIRECT. AILERON EFFECTS, BETA SWEEP, ALPHA=30 DEG., ELEVATOR= 0 DEG.
 (A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SO IN.
(ATN001)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 87.1560	7.1220
(ATN005)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 14.0320	12.6250
(ATN006)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 14.0320	12.6250
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	SREF 14.0320	12.6250
(ATN026)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	SREF 14.0320	12.6250

SCALE .0150

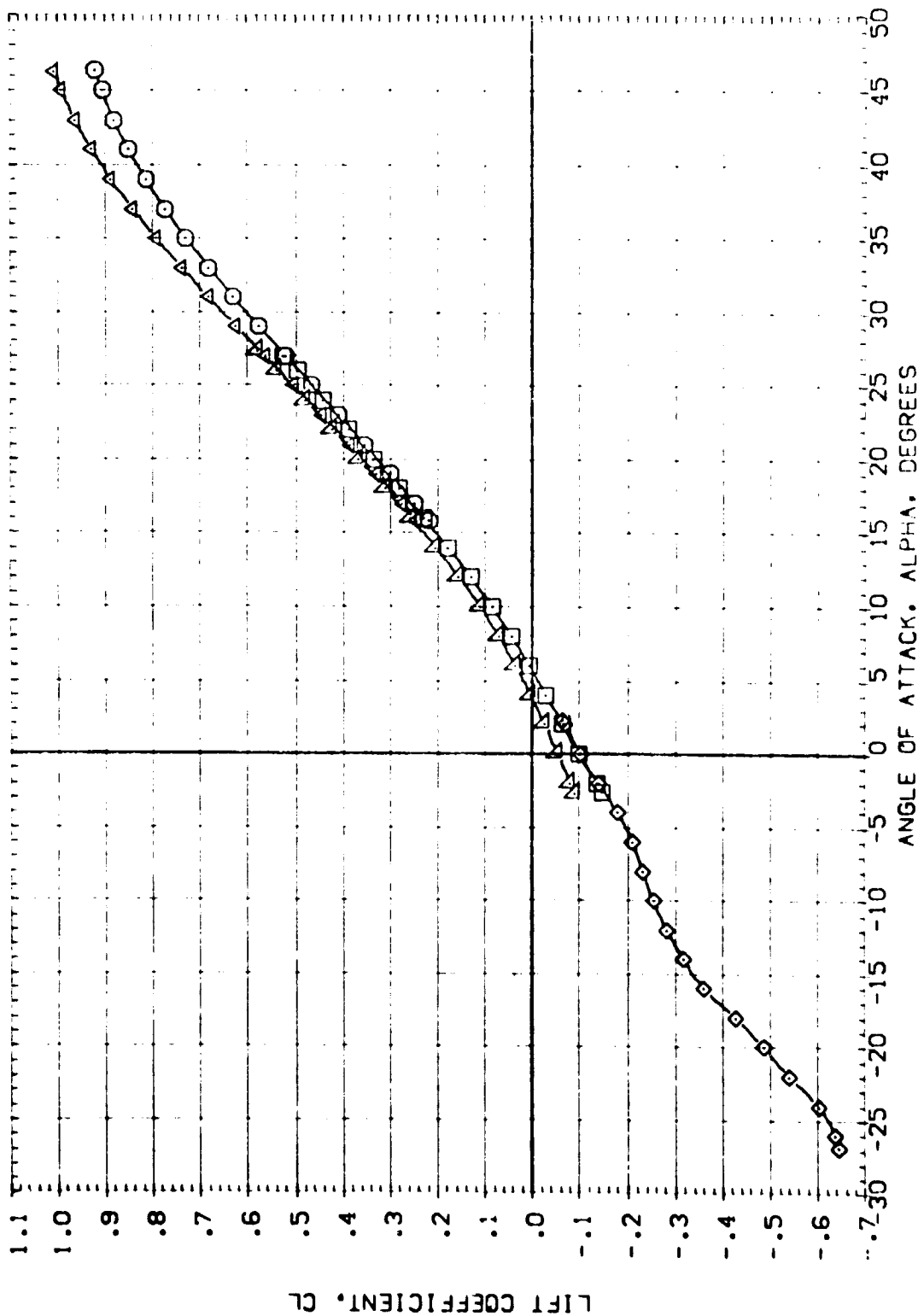


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(CA77/78) (B26C957M7) (V116E26) (VB95)	-40.000	-11.700	55.000	.000	SREF 87.1560 SO. IN.
[ATN005]	AEDC VA474(CA77/78) (B26C957M7) (V116E26) (VB95)	-40.000	-11.700	55.000	.000	LREF 7.1220 NO. IN.
[ATN006]	AEDC VA474(CA77/78) (B26C957M7) (V116E26) (VB95)	-40.000	-11.700	55.000	.000	BREF 14.0520 NO. IN.
[ATN011]	AEDC VA474(CA77/78) (B26C957M7) (V116E26) (VB95)	.000	-11.700	55.000	.000	XMRO .0000 NO. IN.
[ATN025]	AEDC VA474(CA77/78) (B26C957M7) (V116E26) (VB95)	.000	-11.700	55.000	.000	ZMRP -.3750 NO. IN.
						SCALE .0150

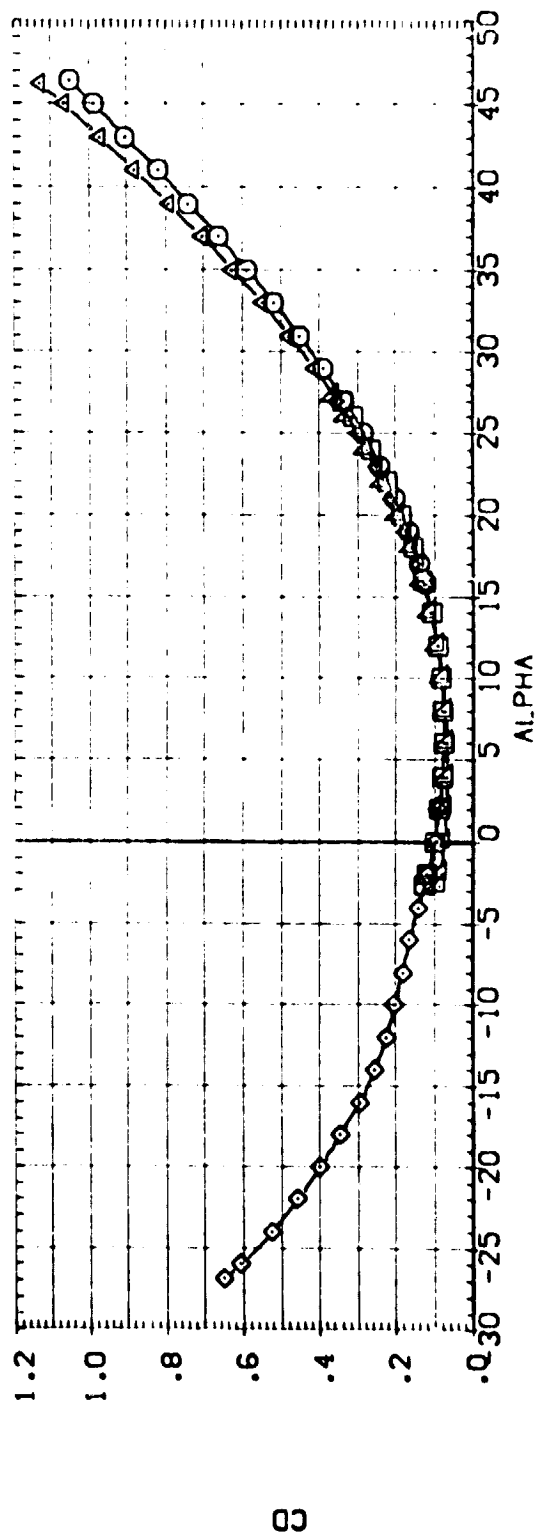
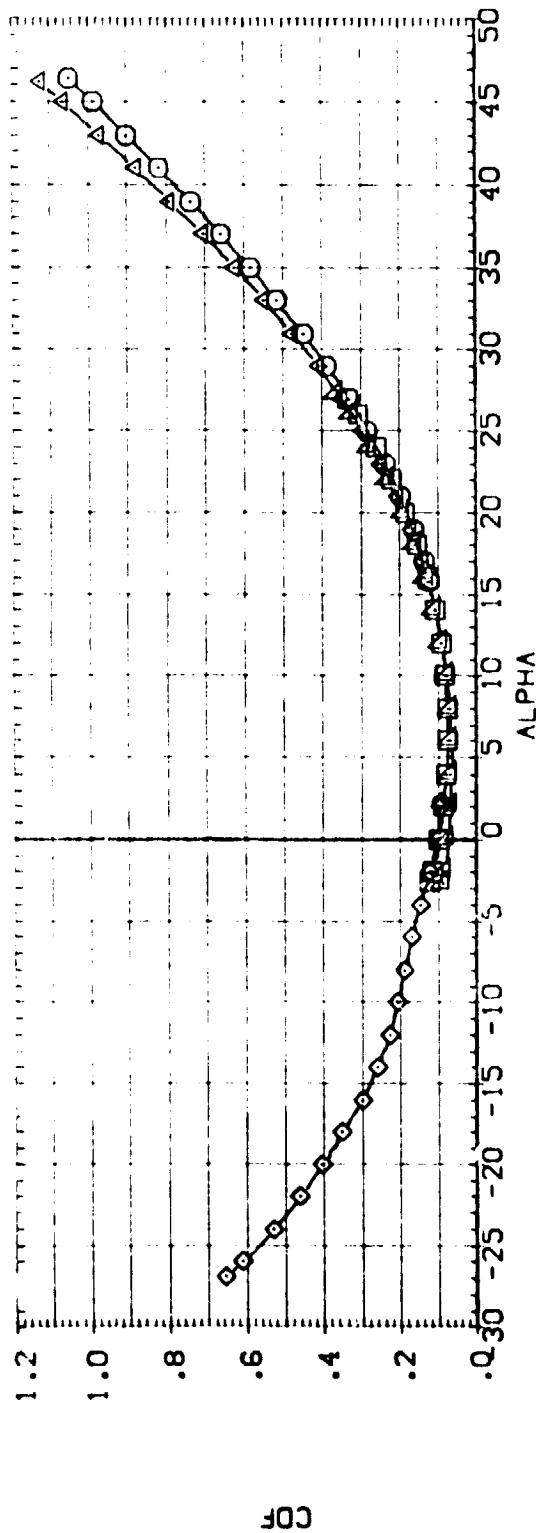


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SCALE
[ATN001]	AEDC VA474(DA77/78) (B26C9F747) (V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560	SCALIN
[ATN005]	AEDC VA474(DA77/78) (B26C9F747) (V116E26)(V8R5)	-40.000	-11.700	55.000	.000	LREF 7.1270	NCLES
[ATN006]	AEDC VA474(DA77/78) (B26C9F747) (V116E26)(V8R5)	-40.000	-11.700	55.000	.000	BREF 14.0520	NCLES
[ATN011]	AEDC VA474(DA77/78) (B26C9F747) (V116E26)(V8R5)	.000	-11.700	55.000	.000	XMRP 12.6250	NCLES
[ATN020]	AEDC VA474(DA77/78) (B26C9F747) (V116E26)(V8R5)	.000	-11.700	55.000	.000	YMRP .0000	NCLES
						ZMRP -.3750	NCLES
							.0150

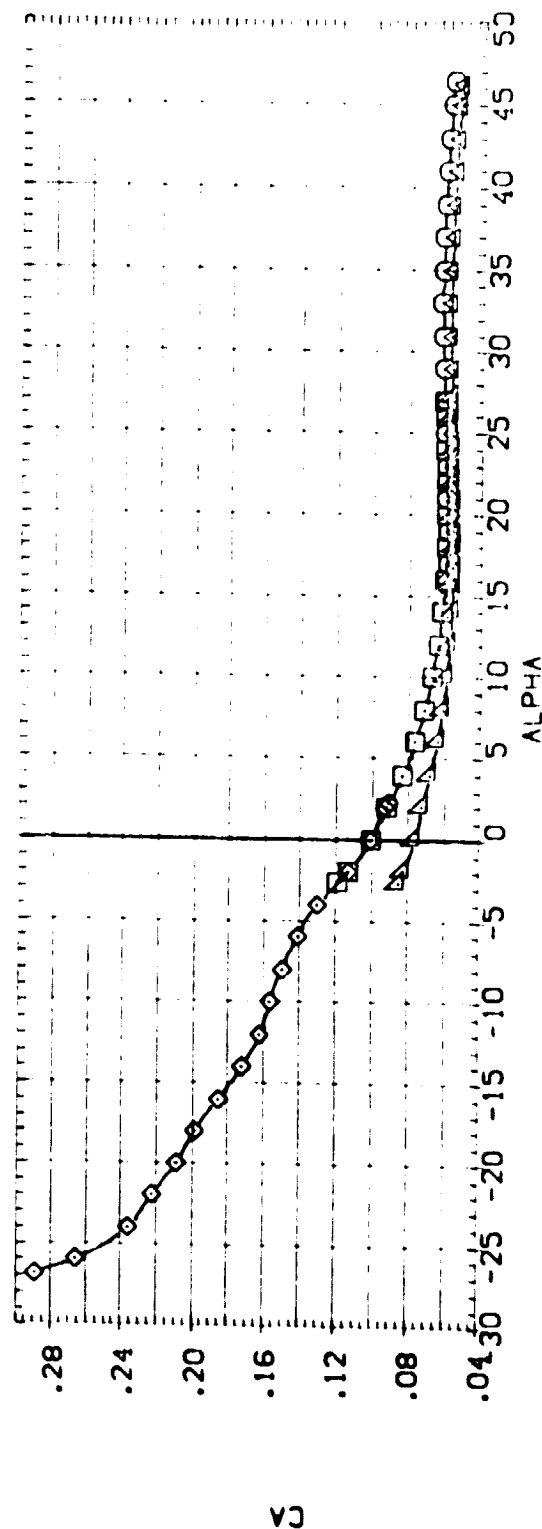
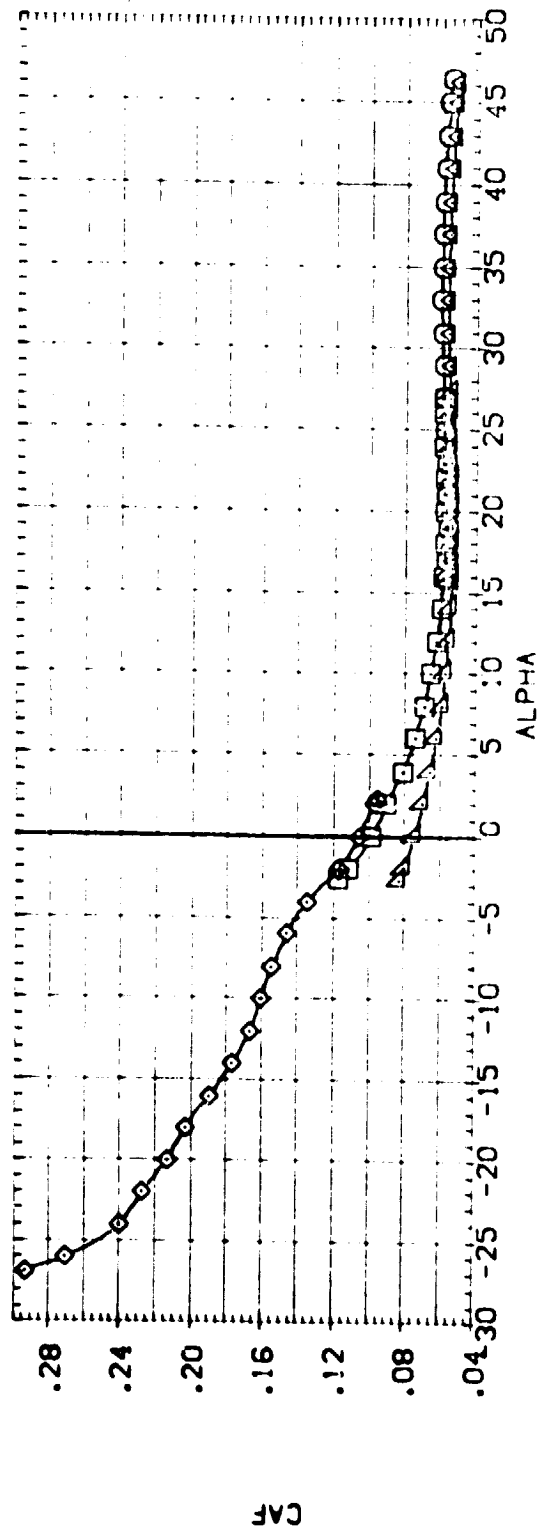


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(A)NO01	AEDC VA474(0A7/78) (B76C9F7M7)(V116E26)(V895)	-40.000	-1.700	55.000	.000	SREF 87.1562 SQ IN.
(A)NO05	AEDC VA474(0A7/78) (B76C9F7M7)(V116E26)(V895)	-40.000	-1.700	55.000	.000	LREF 7.1220 NCES
(A)NO06	AEDC VA474(0A7/78) (B76C9F7M7)(V116E26)(V895)	-40.000	-1.700	55.000	.000	BREF 14.0520 NCES
(A)NO11	AEDC VA474(0A7/78) (B76C9F7M7)(V116E26)(V895)	.000	-1.700	55.000	.000	XMRD 12.6250 NCES
(A)NO20	AEDC VA474(0A7/78) (B76C9F7M7)(V116E26)(V895)	.000	-1.700	55.000	.000	VMRD .0000 NCES
						ZMRD -.3750 NCES
						SCALE .0150

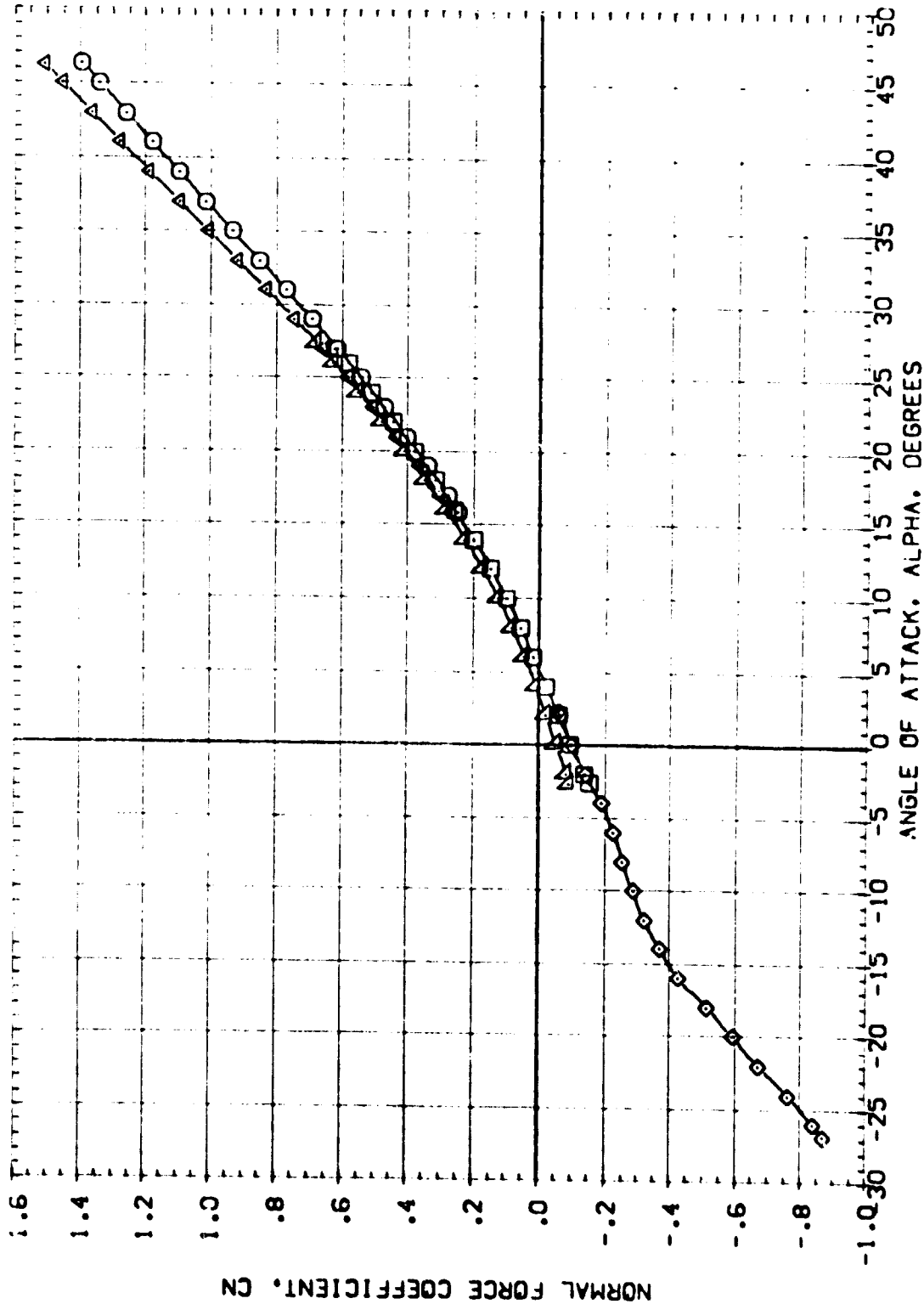


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN001)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
(ATN005)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-40.000	-11.700	55.000	.000	LREF 7.1220 INCHES
(ATN006)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
(ATN011)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
(ATN020)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	.000	-11.700	55.000	.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

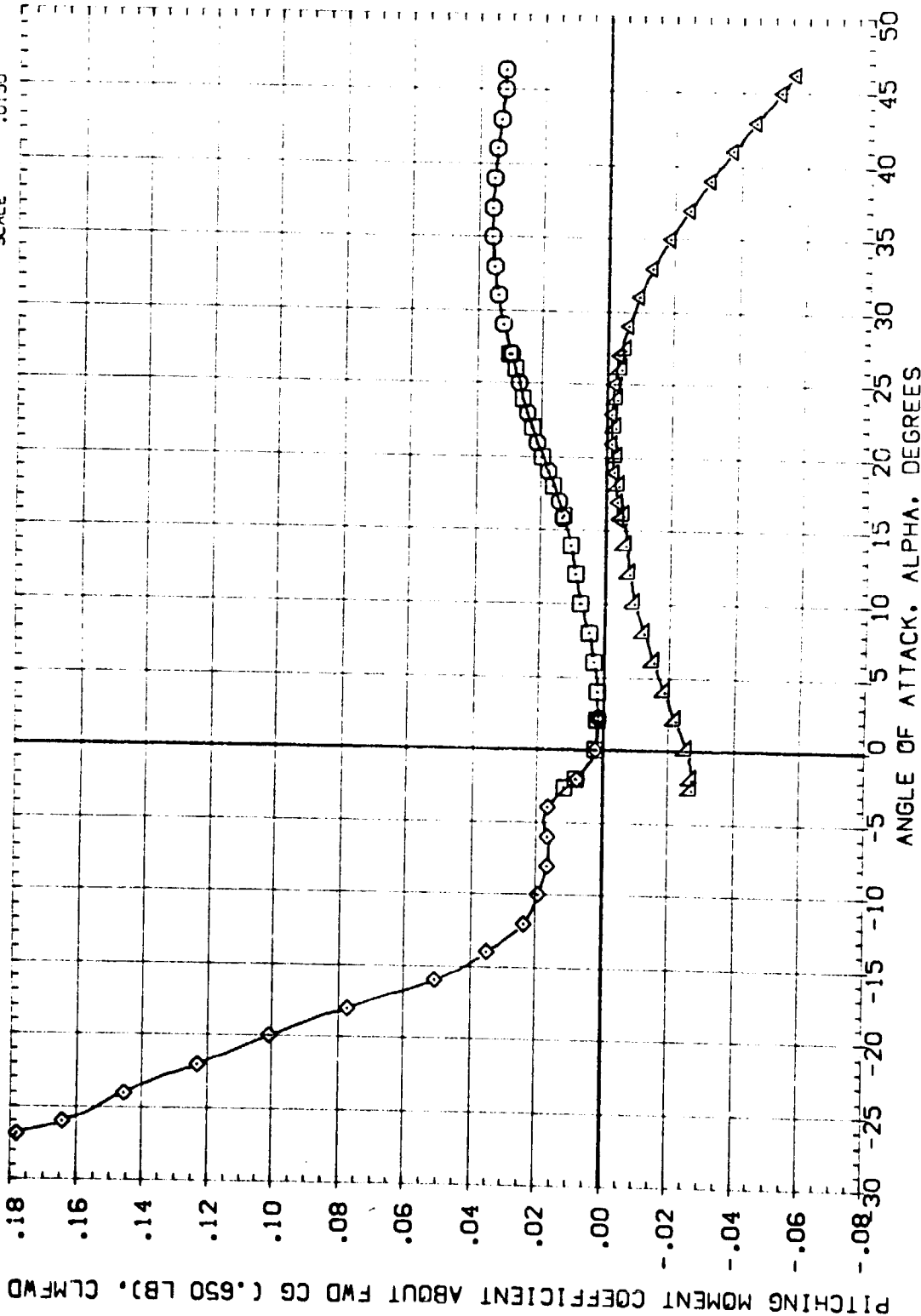


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
{ATN001}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	SREF 97.1560 50.1N
{ATN005}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	LREF 7.1220 INCHES
{ATN006}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
{ATN011}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
{ATN020}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	-11.700	55.000	.000	ZMRP .0000 INCHES
						SCALE .0150

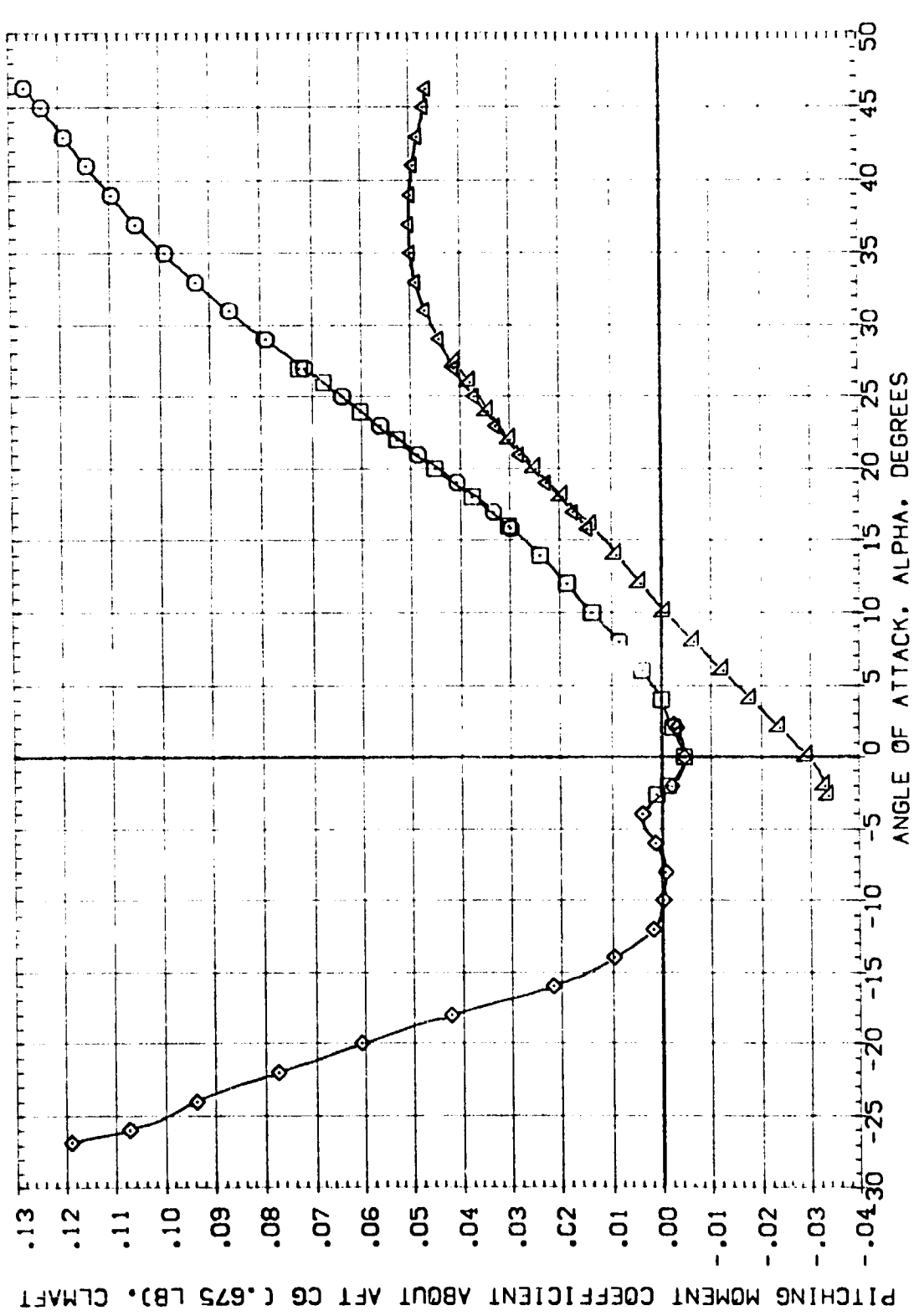


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN001]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ.IN.
[ATN005]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN006]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN011]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
[ATN020]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	-11.700	55.000	.000	ZMRP .3750 INCHES
						SCALE .0150

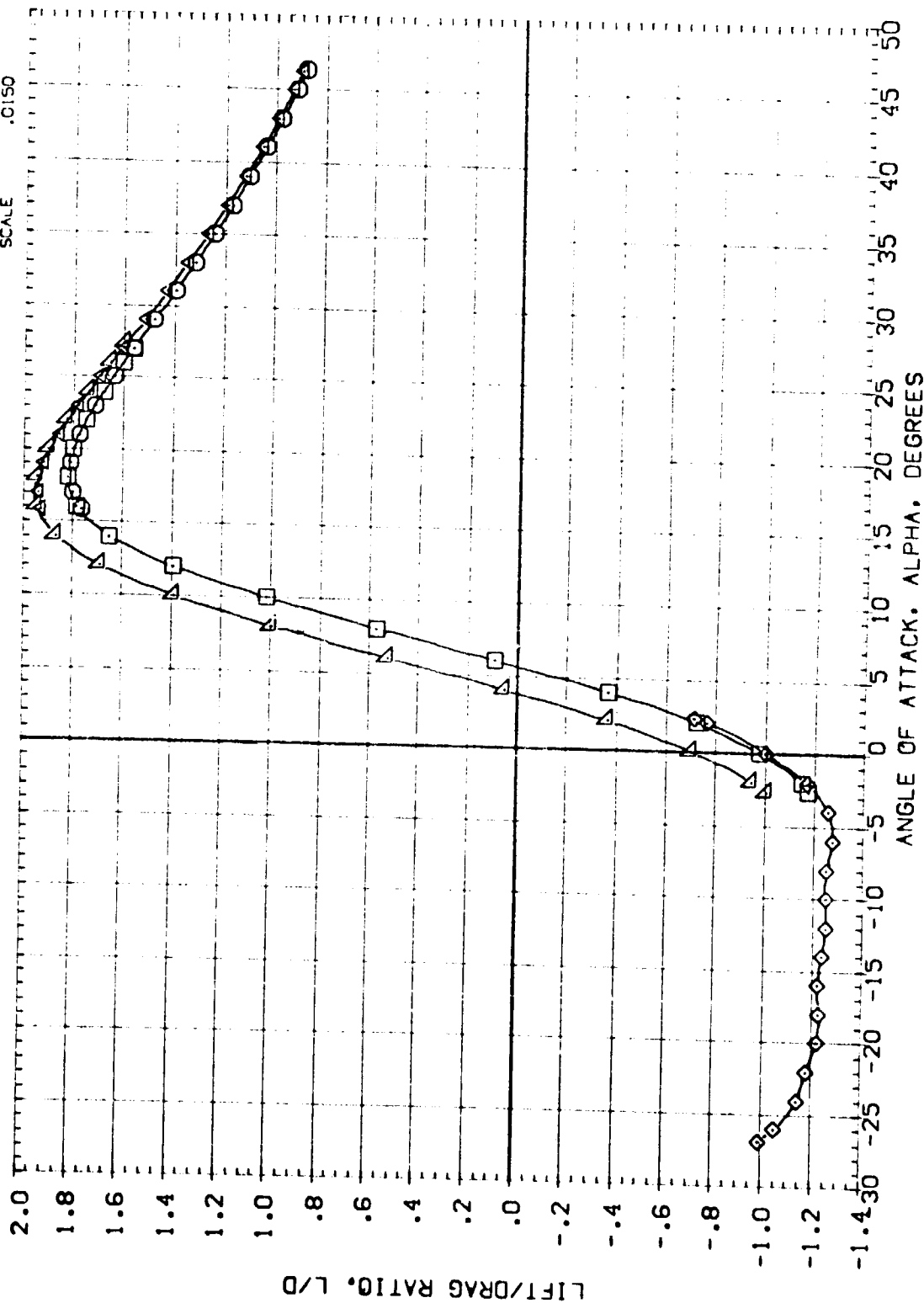


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDJRK	REFERENCE INFORMATION
[ATN001]	AEDC VA474(OA77/78) (B26CS-7M7) (V116E26) (VBR5)	-40.000	-11.700	55.000	.000	SREF 87.1560 SQ. IN.
[ATN005]	AEDC VA474(OA77/78) (B26CS-7M7) (V116E26) (VBR5)	-40.000	-11.700	55.000	.000	LREF 7.1220 INCHES
[ATN011]	AEDC VA474(OA77/78) (B26CS-7M7) (V116E26) (VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
[ATN020]	AEDC VA474(OA77/78) (B26CS-7M7) (V116E26) (VBR5)	.000	-11.700	55.000	.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

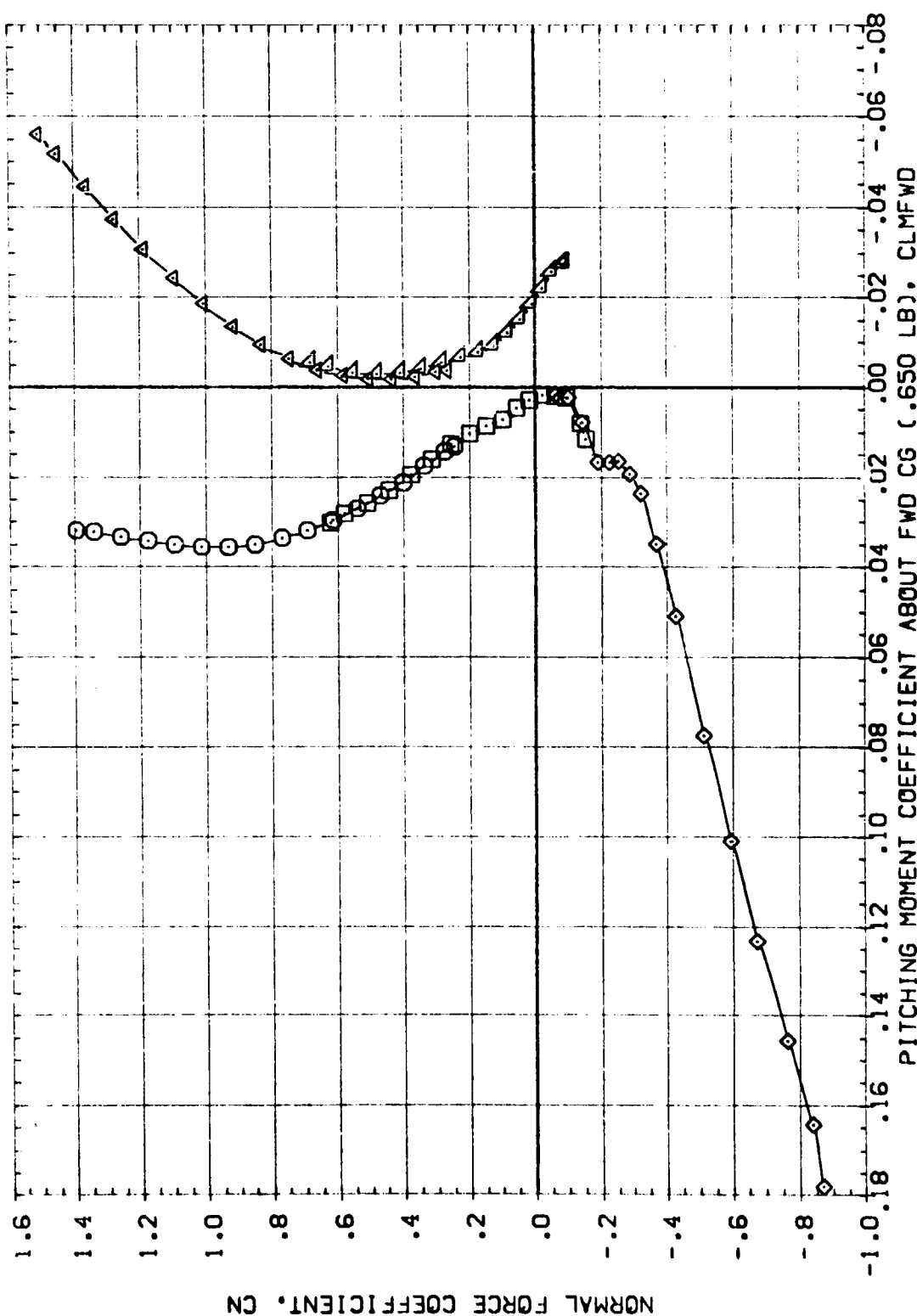


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION	SO, IN.
(A1N001)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8B5)	-40.000	-11.700	55.000	.000	SREF	87.1560
(A1N005)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8B5)	-40.000	-11.700	55.000	.000	LREF	7.1220
(A1N006)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8B5)	-40.000	-11.700	55.000	.000	BREF	14.0520
(A1N011)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8B5)	.000	-11.700	55.000	.000	XMRP	12.6250
(A1N020)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (V8B5)	.000	-11.700	55.000	.000	YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

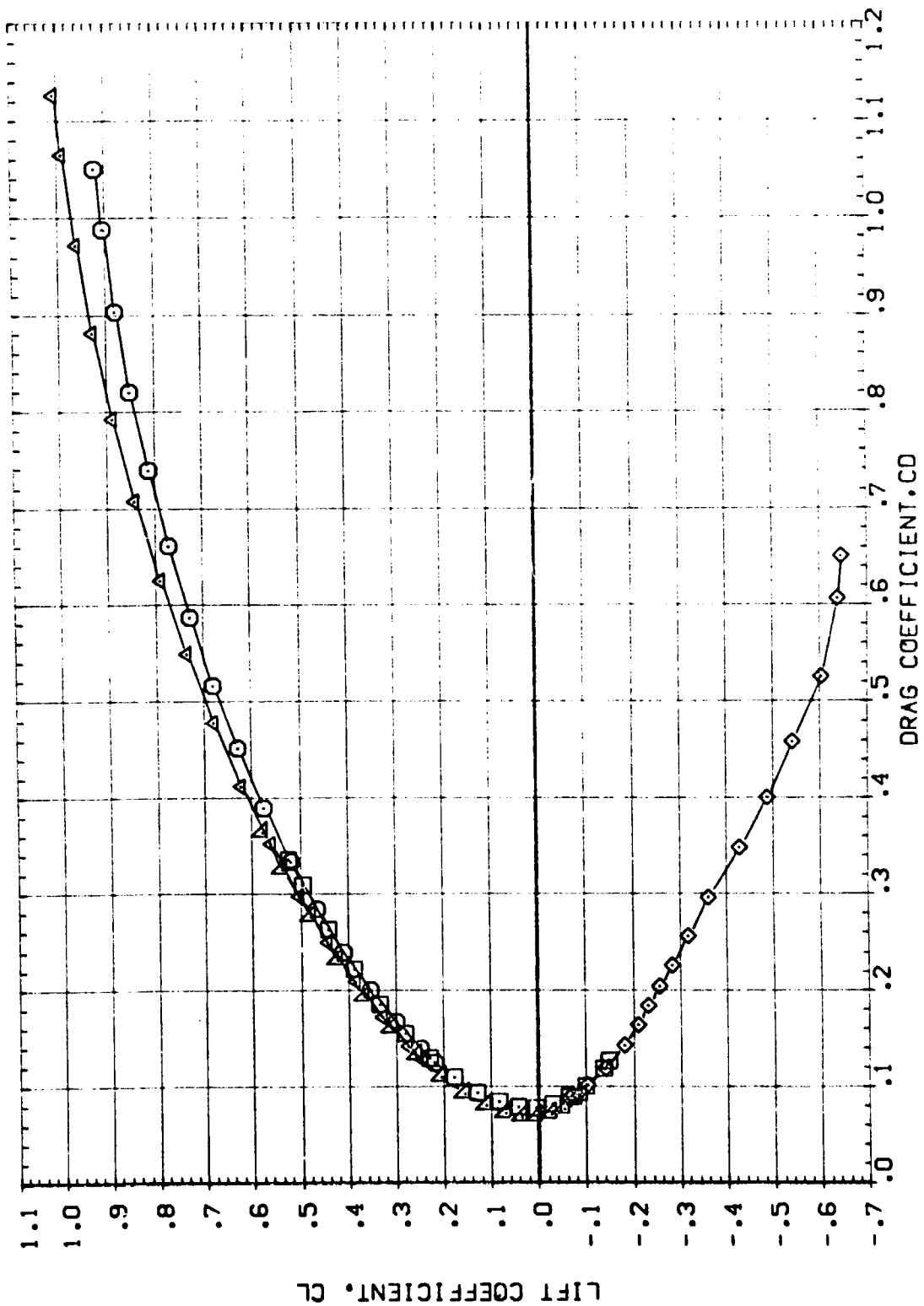


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
{ATN001}	AEDC VA474(QA77/78) (B26C9F7M7) (V1 6E26) (VBR5)	-40.000	-11.700	55.000	.000	SREF 87.1560 INCHES
{ATN005}	AEDC VA474(QA77/78) (B26C9F7M7) (V1 6E26) (VBR5)	-40.000	-11.700	55.000	.000	LREF 7.1220 INCHES
{ATN006}	AEDC VA474(QA77/78) (B26C9F7M7) (V1 6E26) (VBR5)	-40.000	-11.700	55.000	.000	BREF 14.0520 INCHES
{ATN011}	AEDC VA474(QA77/78) (B26C9F7M7) (V1 6E26) (VBR5)	.000	-11.700	55.000	.000	XHRP .0000 INCHES
{ATN020}	AEDC VA474(QA77/78) (B26C9F7M7) (V1 6E26) (VBR5)	.000	-11.700	55.000	.000	YHRP -.3750 INCHES
						ZMRP .0150
						SCALE

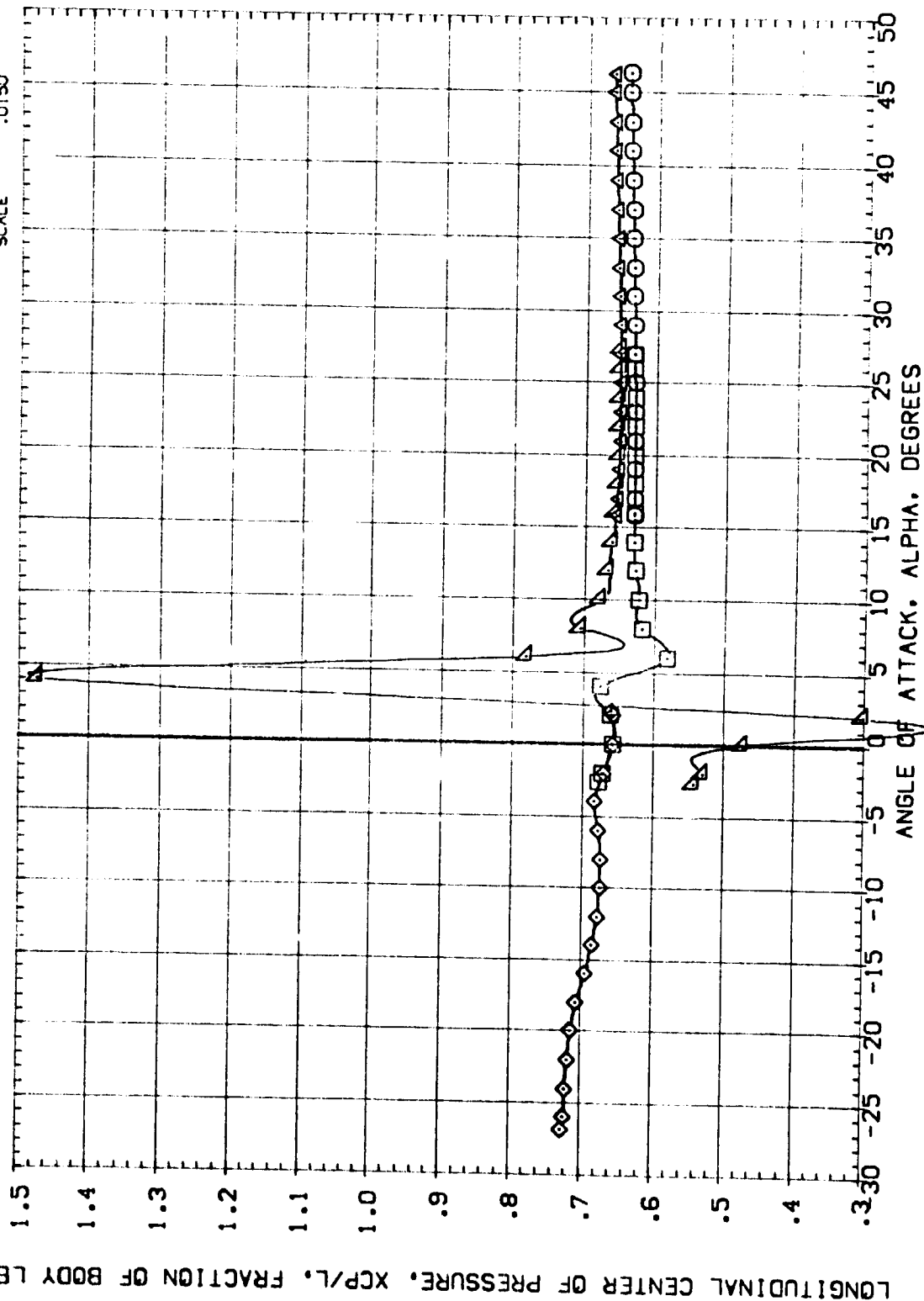


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATNQ31)	AEDC VA474(OA77/78) (B26C37M7)(V115E26)(V8R5)	.000	.000	55.000	.000	SREF 87.1560 SQ IN.
(ATNQ35)	AEDC VA474(OA77/78) (B26C37M7)(V115E26)(V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATNQ36)	AEDC VA474(OA77/78) (B26C37M7)(V115E26)(V8R5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE .0150 INCHES

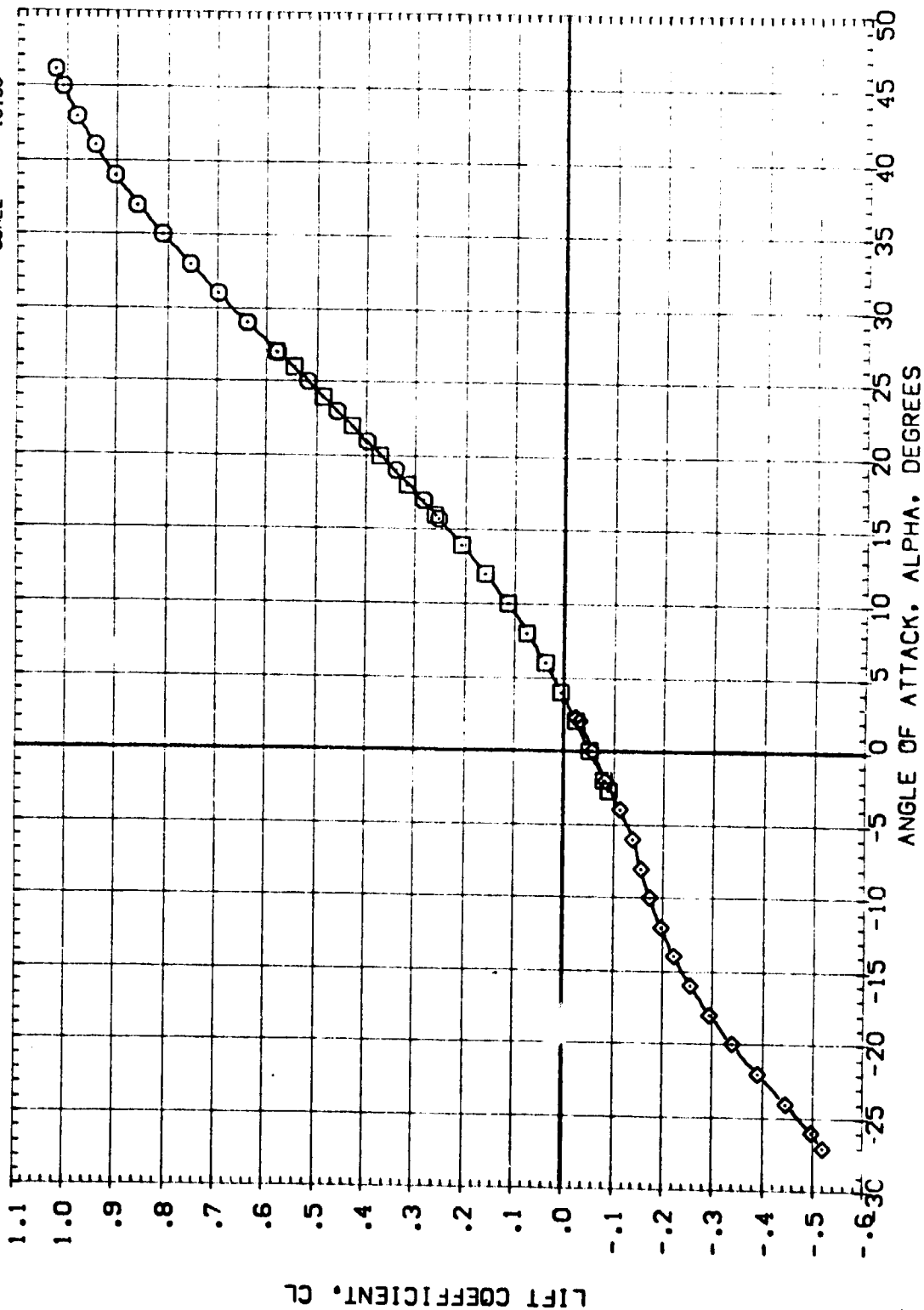


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN031]	AEDC VA474(2A77/78) (B26C97M7) (V116E26) (V8R5)	.000	.000	55.000	.000	SREF 87.1560 SQ. IN.
[ATN035]	AEDC VA474(2A77/78) (B26C97M7) (V116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATN036]	AEDC VA474(2A77/78) (B26C97M7) (V116E26) (V8R5)	.000	.000	55.000	.000	SREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES

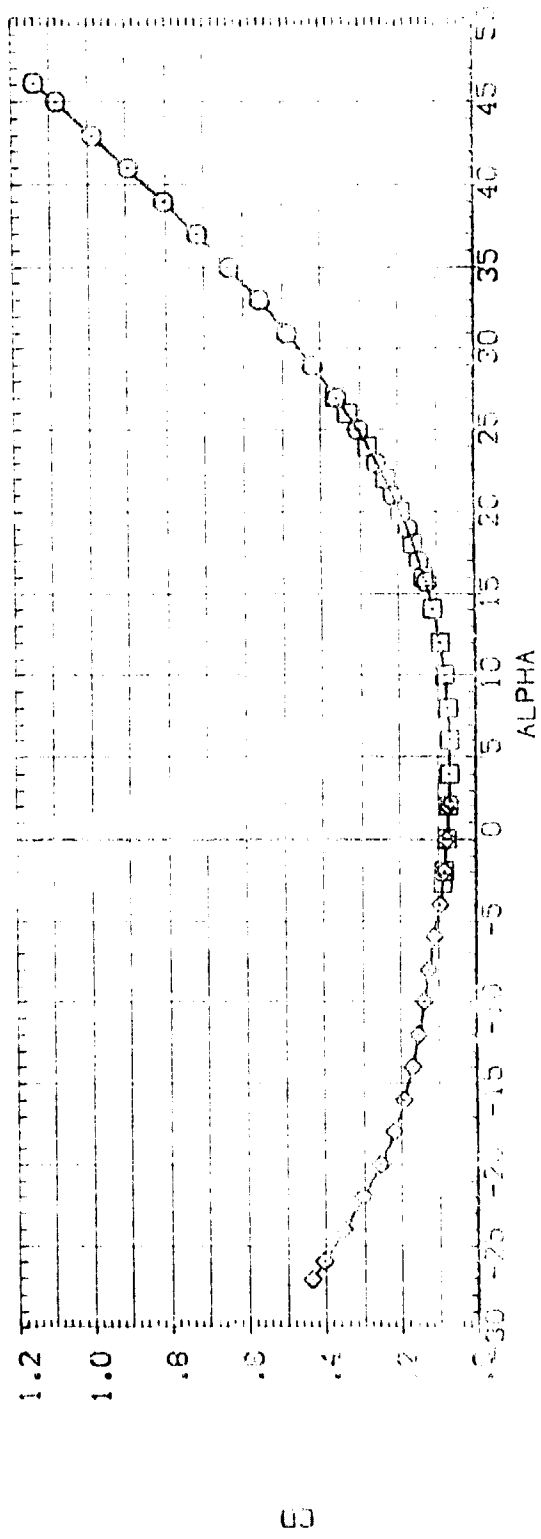
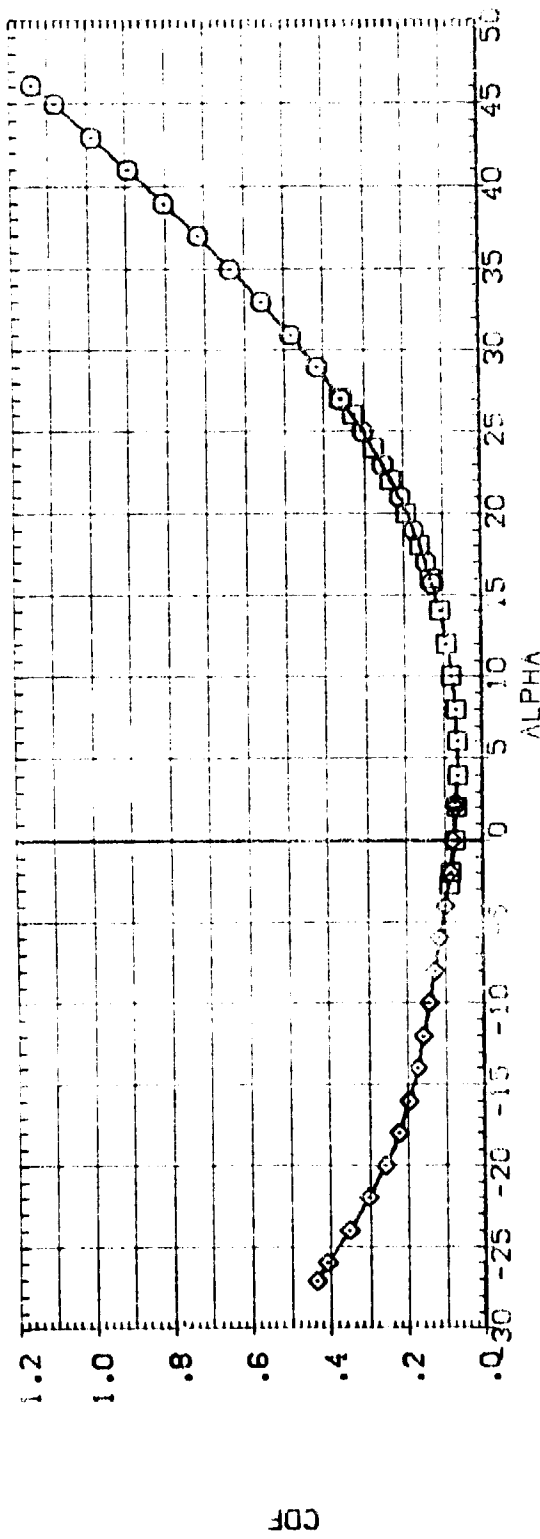


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A) MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	SREF	SO, IN.
(ATNG31)	AEDC VA474(OA77/78) (B26C977H7) (V116E26) (V8R5)	.000	.000	.000	.000	87.1560	50. IN.
(ATNG35)	AEDC VA474(OA77/78) (B26C977H7) (V116E26) (V8R5)	.000	.000	.000	.000	7.1220	INCHES
(ATNG36)	AEDC VA474(OA77/78) (B26C977H7) (V116E26) (V8R5)	.000	.000	.000	.000	14.0520	INCHES
						12.6250	INCHES
						.0000	INCHES
						-.3750	INCHES
						.0150	INCHES

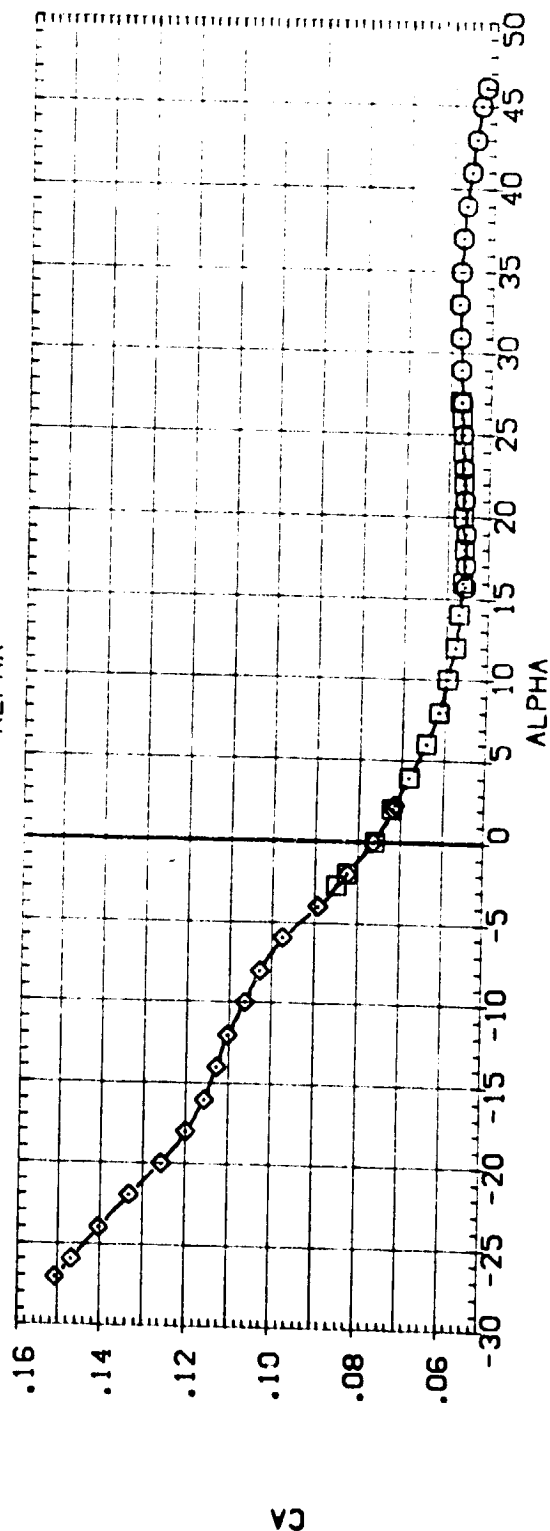
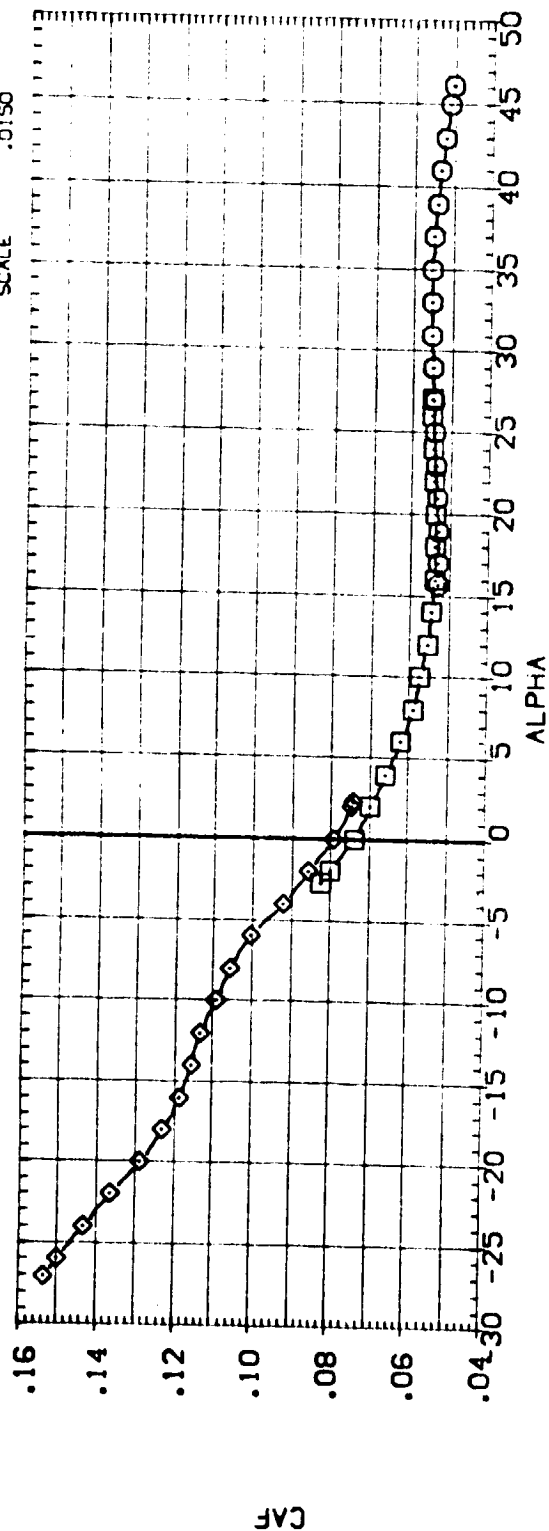


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	
(ATN031)	AEDC VA474(DA77/78) (B26CSF7H7)(V116E26)(V8R5)	.000	.000	.000	.000	SREF	87.1560 INCHES
(ATN035)	AEDC VA474(DA77/78) (B26CSF7H7)(V116E26)(V8R5)	.000	.000	.000	.000	LREF	7.1220 INCHES
(ATN036)	AEDC VA474(DA77/78) (B26CSF7H7)(V116E26)(V8R5)	.000	.000	.000	.000	BREF	14.0520 INCHES
						YMRP	12.6250 INCHES
						ZMRP	.0000 INCHES
						SCALE	-.3750 INCHES

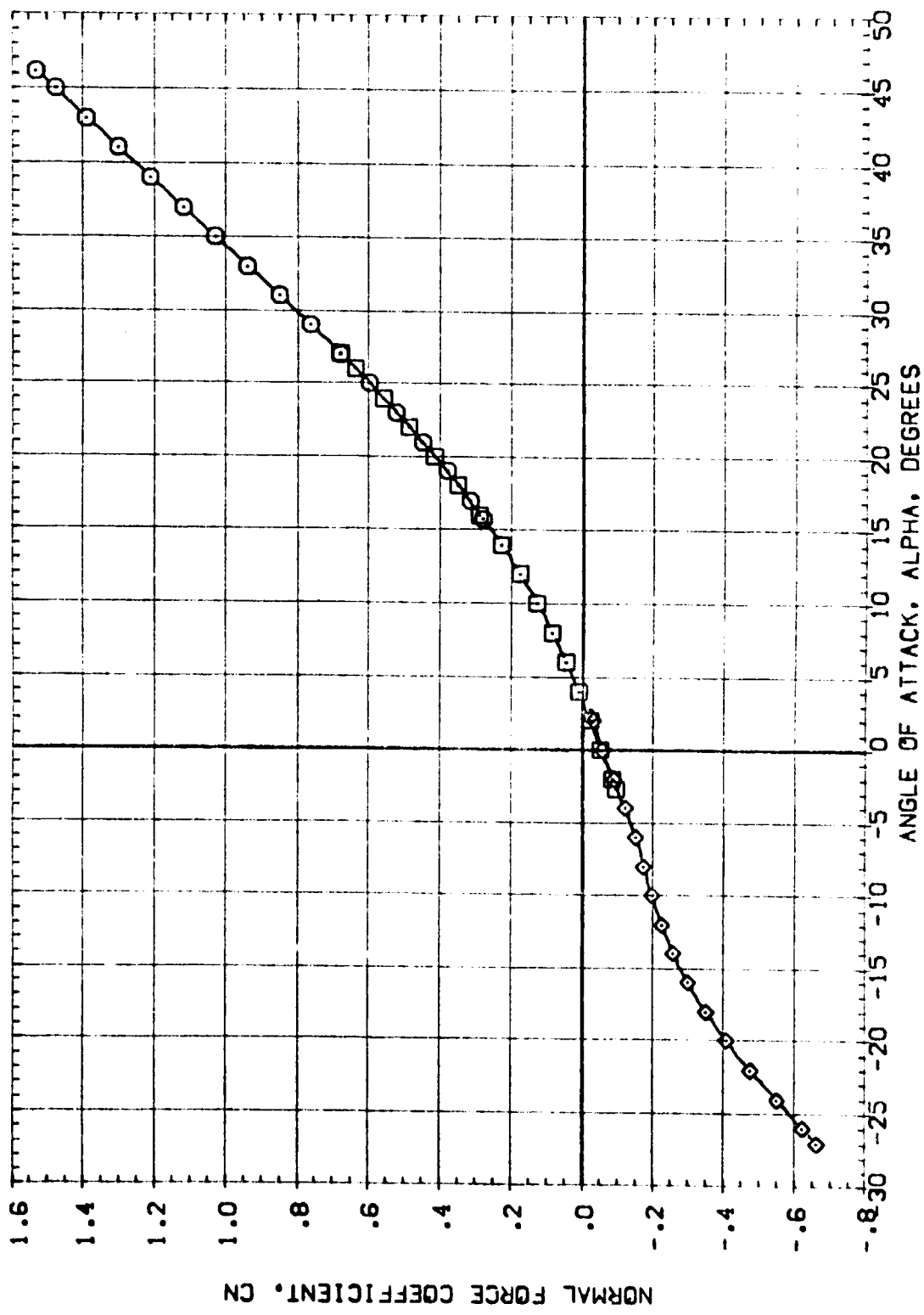


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
{ATNG31}	AEDE VA474(DA77/78) (B26CS-7H7)(V116E26)(V8R5)	.000	.000	.000	.000	SREF 87.1560 SQ. IN.
{ATNG32}	AEDE VA474(DA77/78) (B26CS-7H7)(V116E26)(V8R5)	.000	.000	.000	.000	LREF 7.1220 INCHES
{ATNG33}	AEDE VA474(DA77/78) (B26CS-7H7)(V116E26)(V8R5)	.000	.000	.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

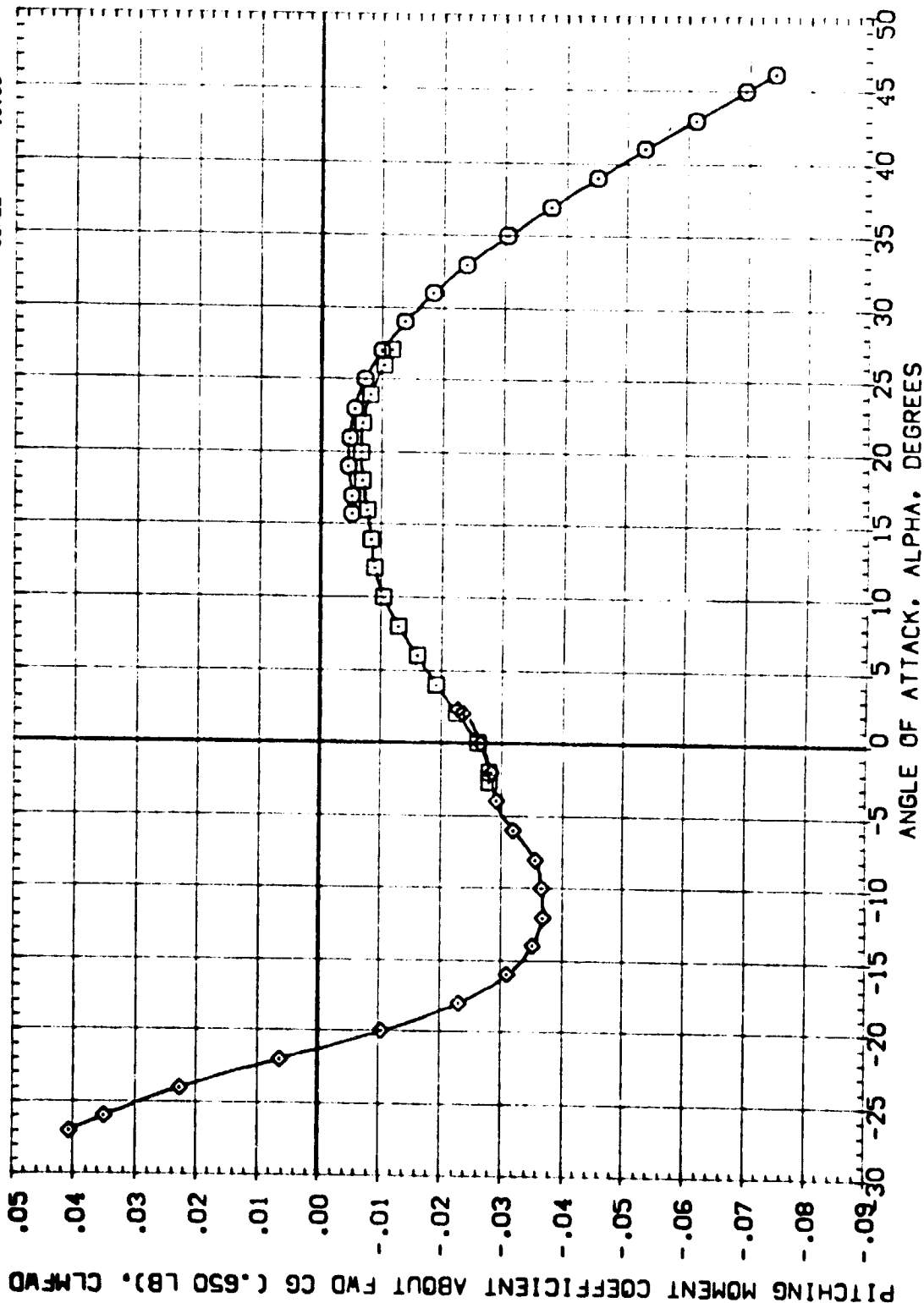


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
{ATN031}	AEDC VA474(DA77/78) (B26C9-7M7)(V116E26)(VBR5)	.000	.000	.000	.000	SREF 87.1560 IN.
{ATN035}	AEDC VA474(DA77/78) (B26C9-7M7)(V116E26)(VBR5)	.000	.000	.000	.000	LREF 7.1220 INCHES
{ATN036}	AEDC VA474(DA77/78) (B26C9-7M7)(V116E26)(VBR5)	.000	.000	.000	.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

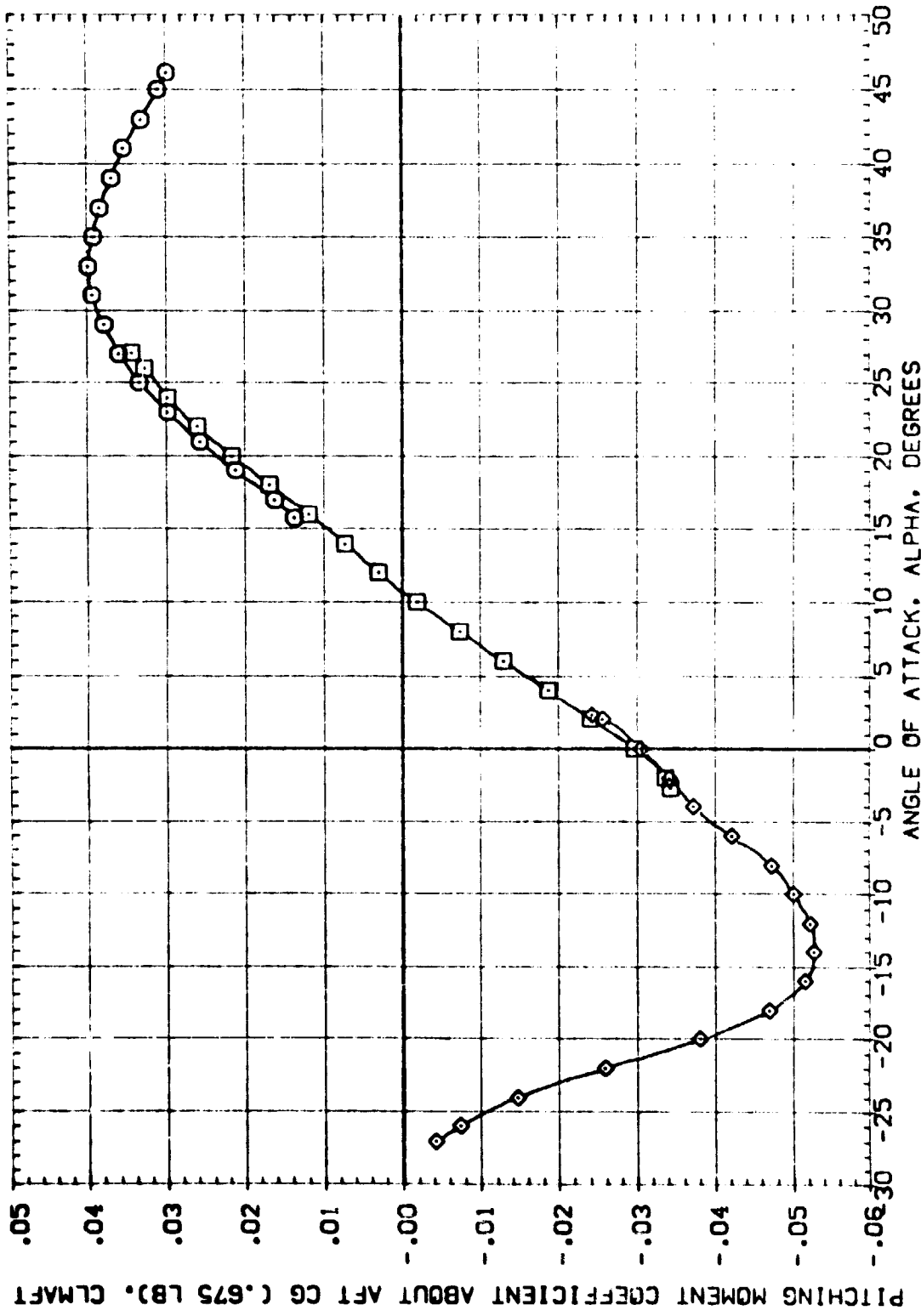


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATNG31)	AEDE VA474(QA77/78) (B26C37M7)(W11SE26)(VBR5)	.000	.000	55.000	.000	SREF 87.1560 SO IN.
(ATNG35)	AEDE VA474(QA77/78) (B26C37M7)(W11SE26)(VBR5)	.000	.000	55.000	.000	LREF 7.220 NCES
(ATNG36)	AEDE VA474(QA77/78) (B26C37M7)(W11SE26)(VBR5)	.000	.000	55.000	.000	BREF 14.0520 NCES
						YMRP 12.6250 NCES
						ZMRP .0000 NCES
						SCALE .3750 NCES
						.0150

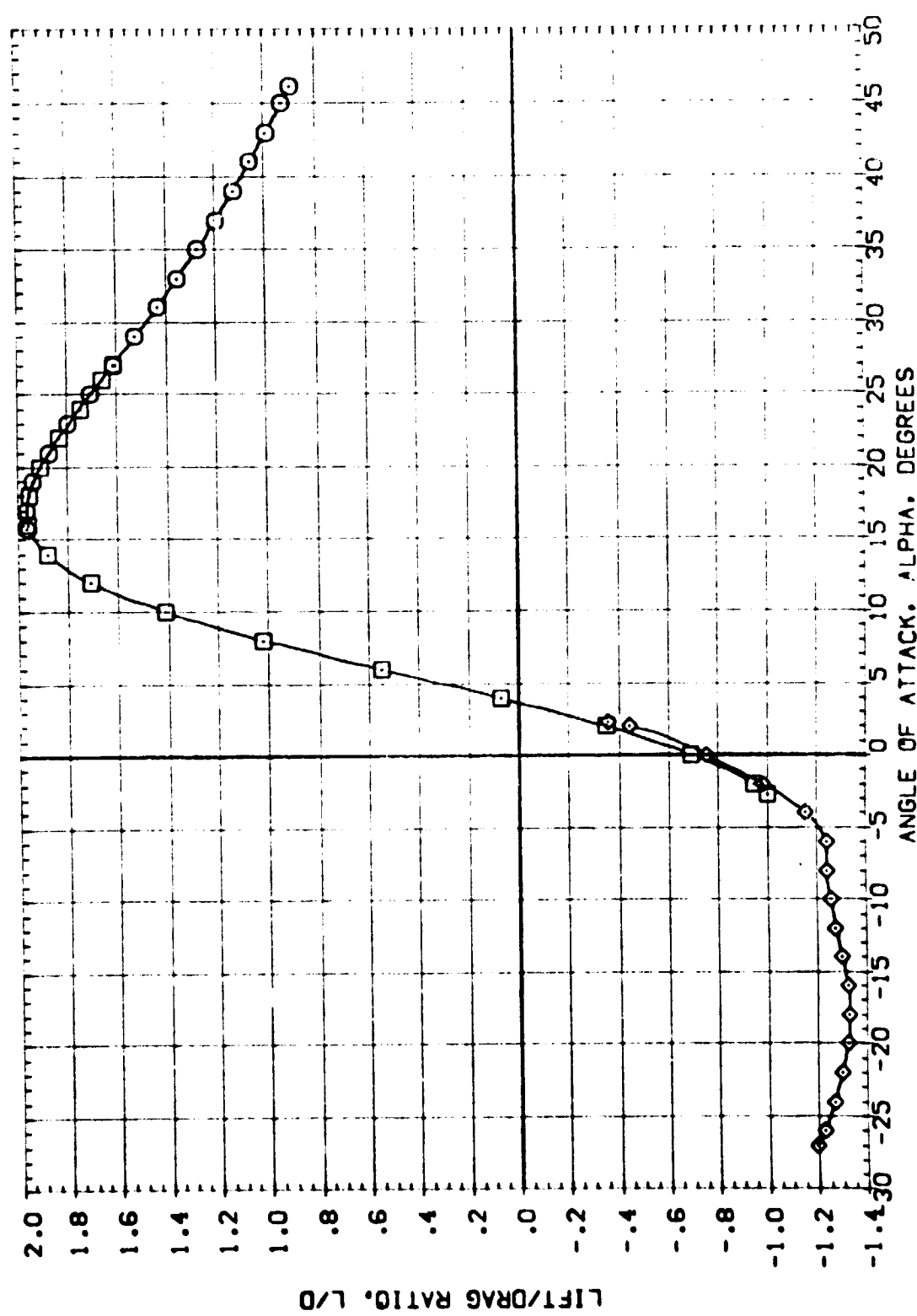


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDRBK	RUDDER	REFERENCE INFORMATION
(ATN031)	AEDC VA174(DA77/78) (B26C97M7) (V1 BE26)(VBR5)	.000	.000	55.000	.000	SREF 87.1560 SQ.IN.
(ATN035)	AEDC VA174(DA77/78) (B26C97M7) (V1 BE26)(VBR5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
(ATN036)	AEDC VA174(DA77/78) (B26C97M7) (V1 BE26)(VBR5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES

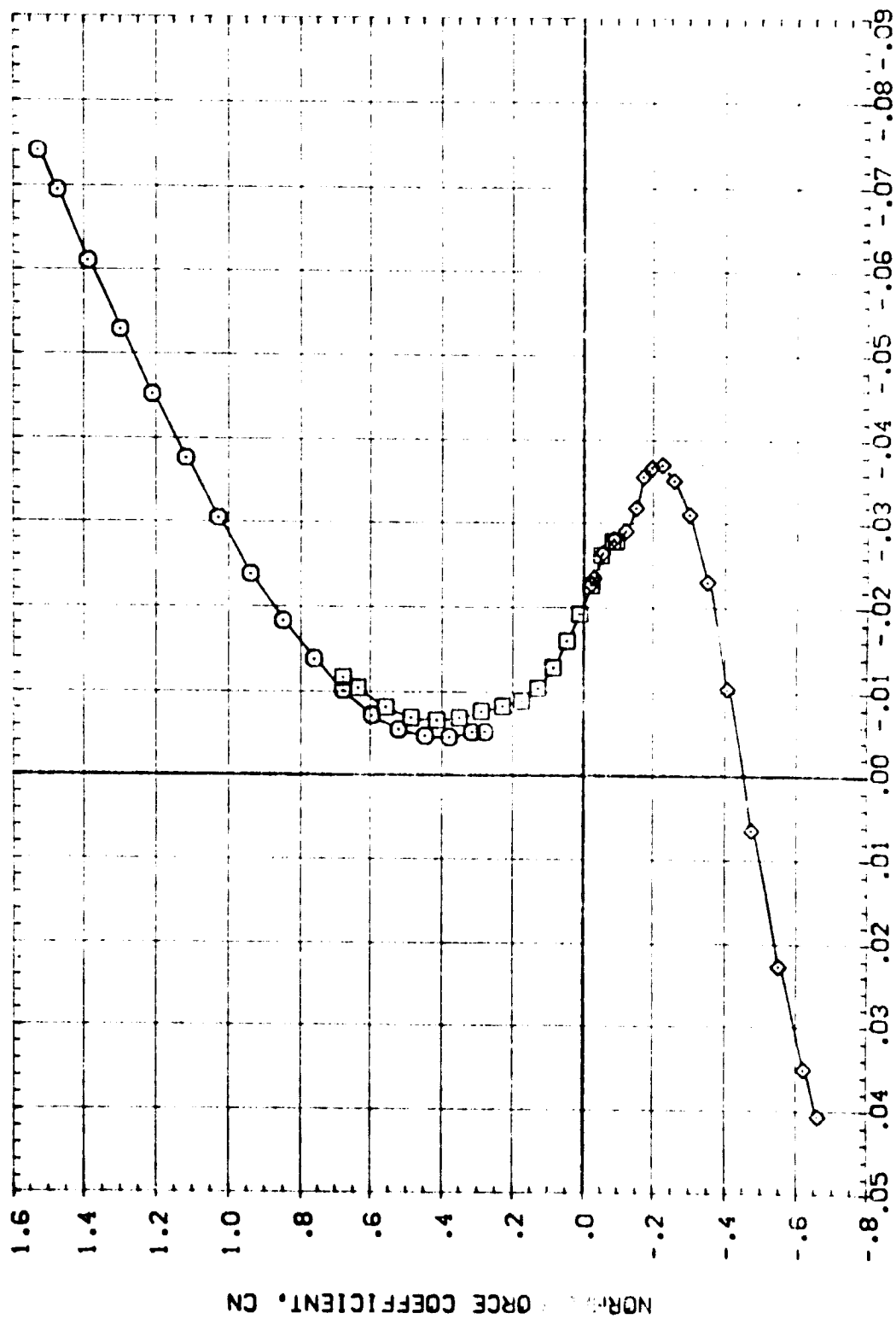


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

CLMFW = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATNG31]	AEDC VA47A(0A77/78) (B76C977M7) (V116E26) (V8R5)	.000	.000	55.000	.000	SREF 87.1560 INCHES
[ATNG35]	AEDC VA47A(0A77/78) (B76C977M7) (V116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATNG36]	AEDC VA47A(0A77/78) (B76C977M7) (V116E26) (V8R5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

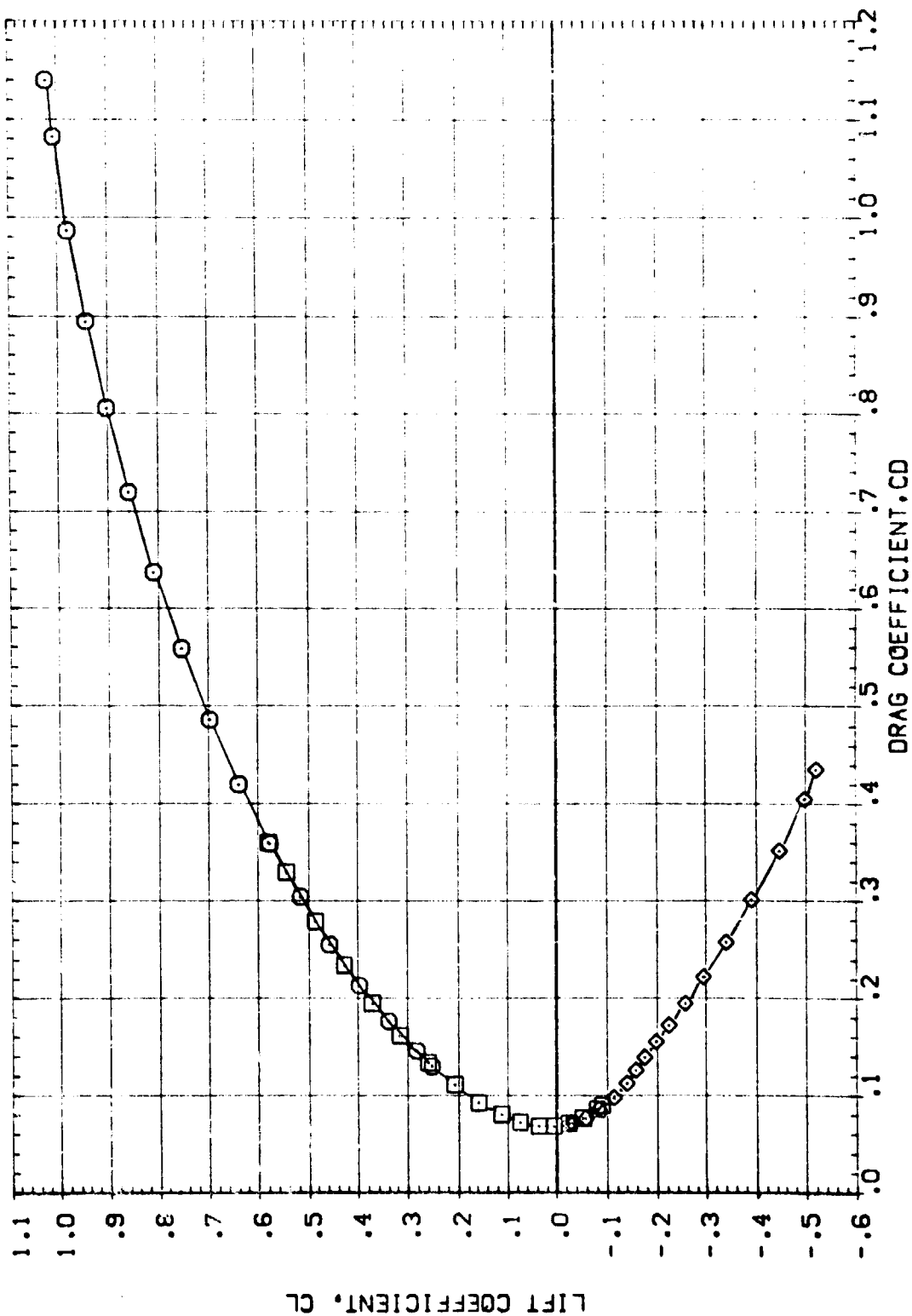


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
[ATN031]	AEDC VA474 (0A77/78) (B26C9747) (W116E26) (V8R5)	.000	.000	55.000	.000	SREF 87.1560 50. IN.
[ATN035]	AEDC VA474 (0A77/78) (B26C9747) (W116E26) (V8R5)	.000	.000	55.000	.000	LREF 7.1220 INCHES
[ATN036]	AEDC VA474 (0A77/78) (B26C9747) (W116E26) (V8R5)	.000	.000	55.000	.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES

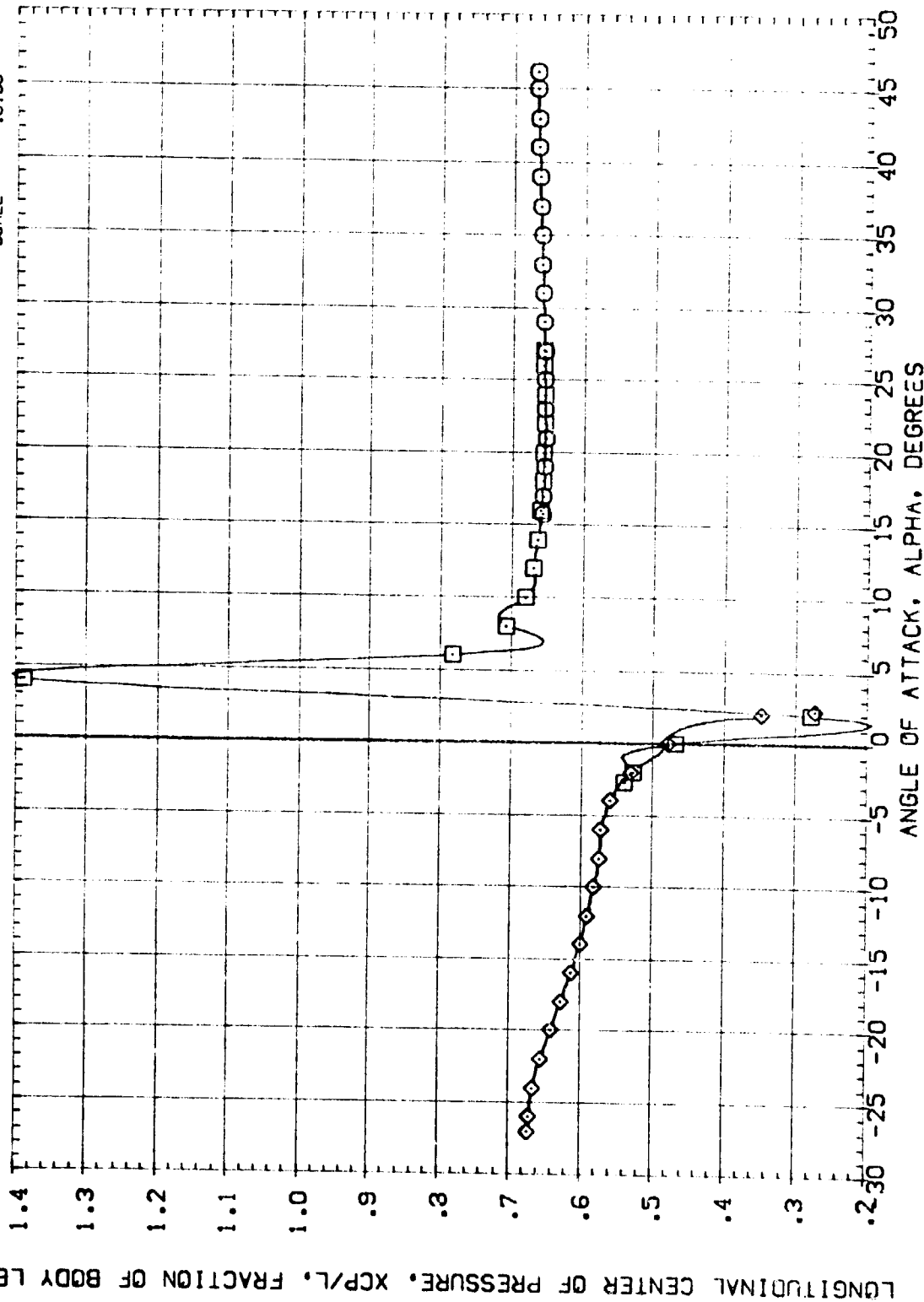


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(M)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN047]	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26)(VBR5)	.000	16.300	55.000	.000	SREF 87.1560 50. IN.
[ATN050]	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26)(VBR5)	.000	16.300	55.000	.000	LREF 7.1270 INCHES
[ATN061]	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26)(VBR5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
[ATN062]	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26)(VBR5)	15.000	16.300	55.000	.000	XMRP 12.6250 INCHES
[ATN063]	AEDC VA474(OA77/78) (B26C9F7M7) (W116E26)(VBR5)	15.000	16.300	55.000	.000	YMRP -.0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0:50

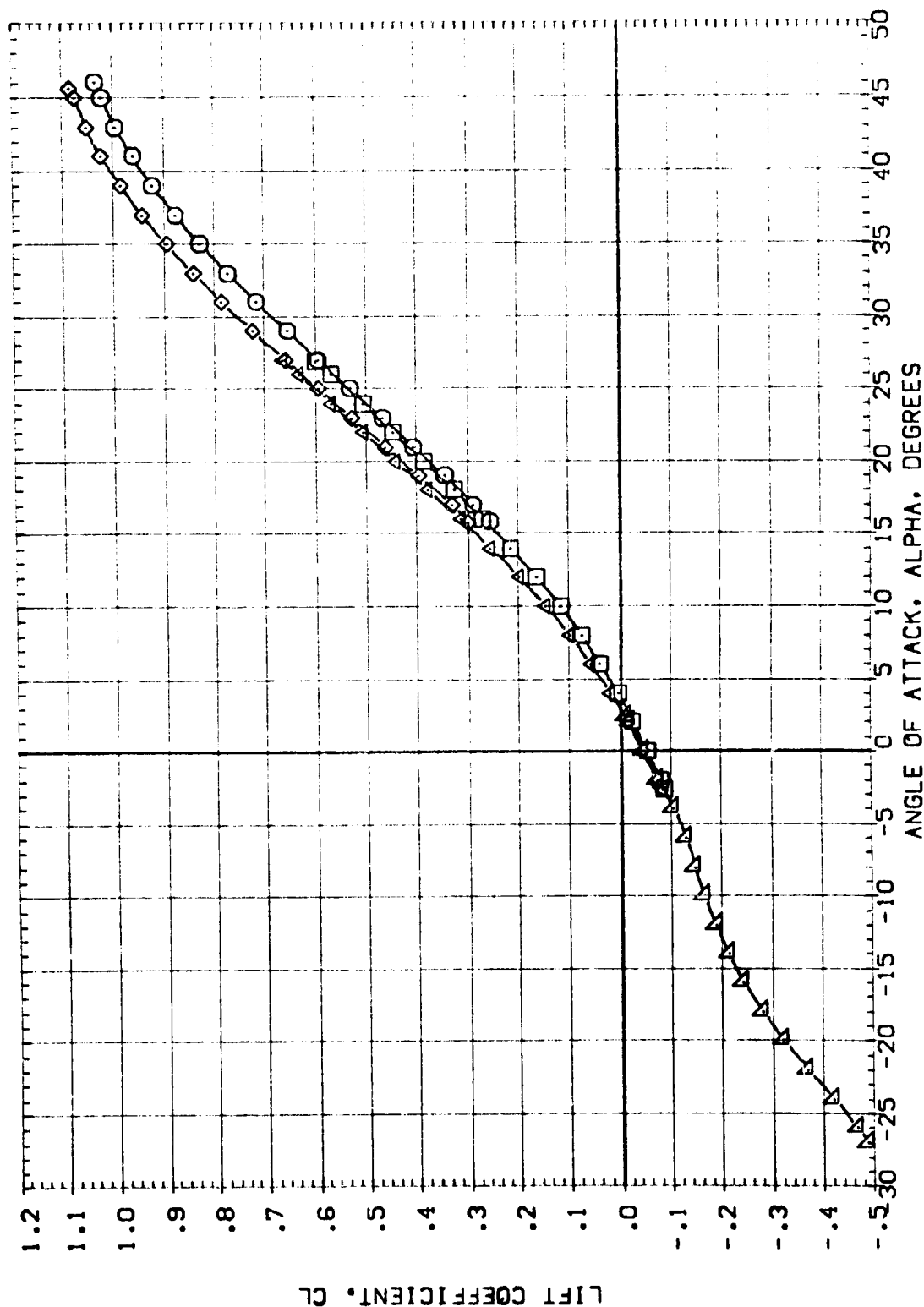


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN047]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
[ATN050]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN051]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
[ATN052]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	XMRP 12.6250 INCHES
[ATN063]	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0130

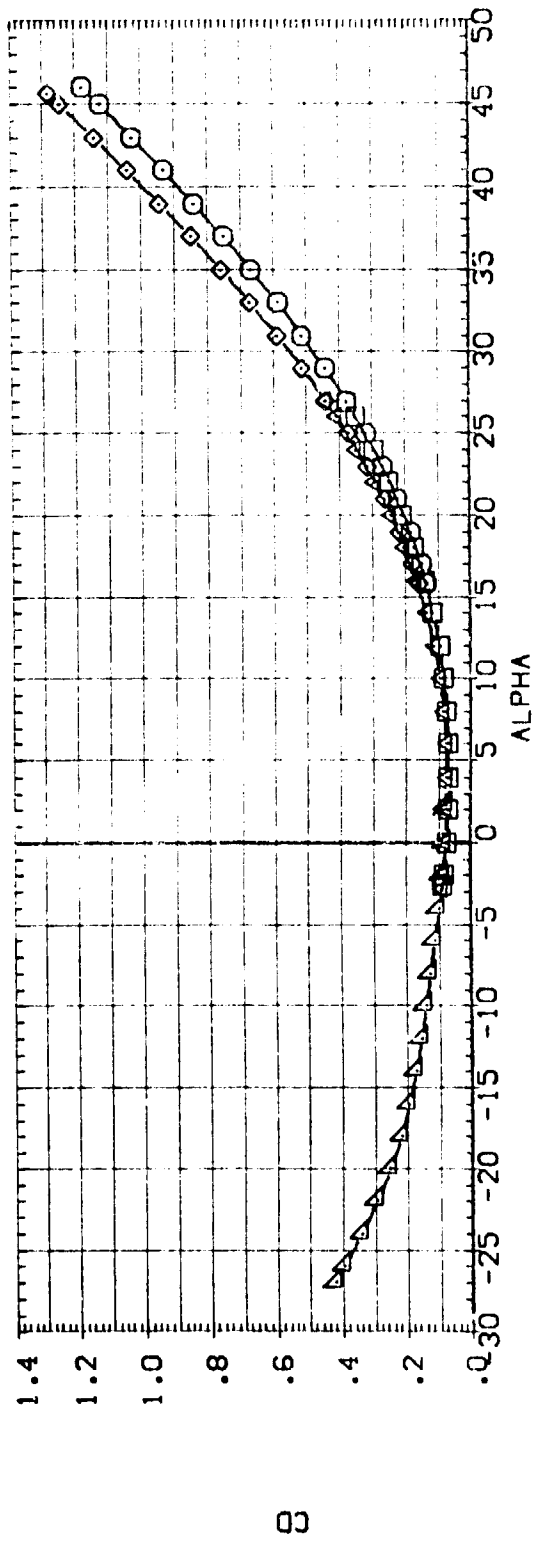
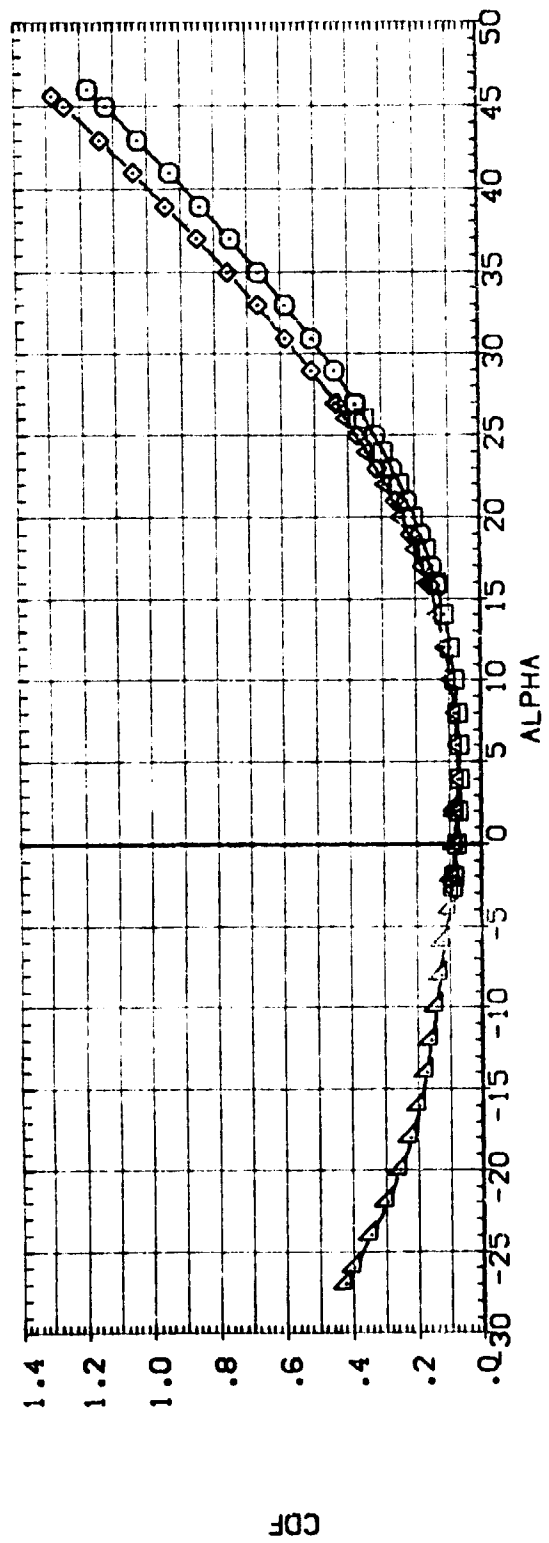


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

CAJ MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BDCLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	16.300	35.000	.000	SREF 87.1560 SQ. IN.
(ATN050)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN061)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN062)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	YMRP 12.6250 INCHES
(ATN063)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	15.000	16.300	55.000	.000	ZMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

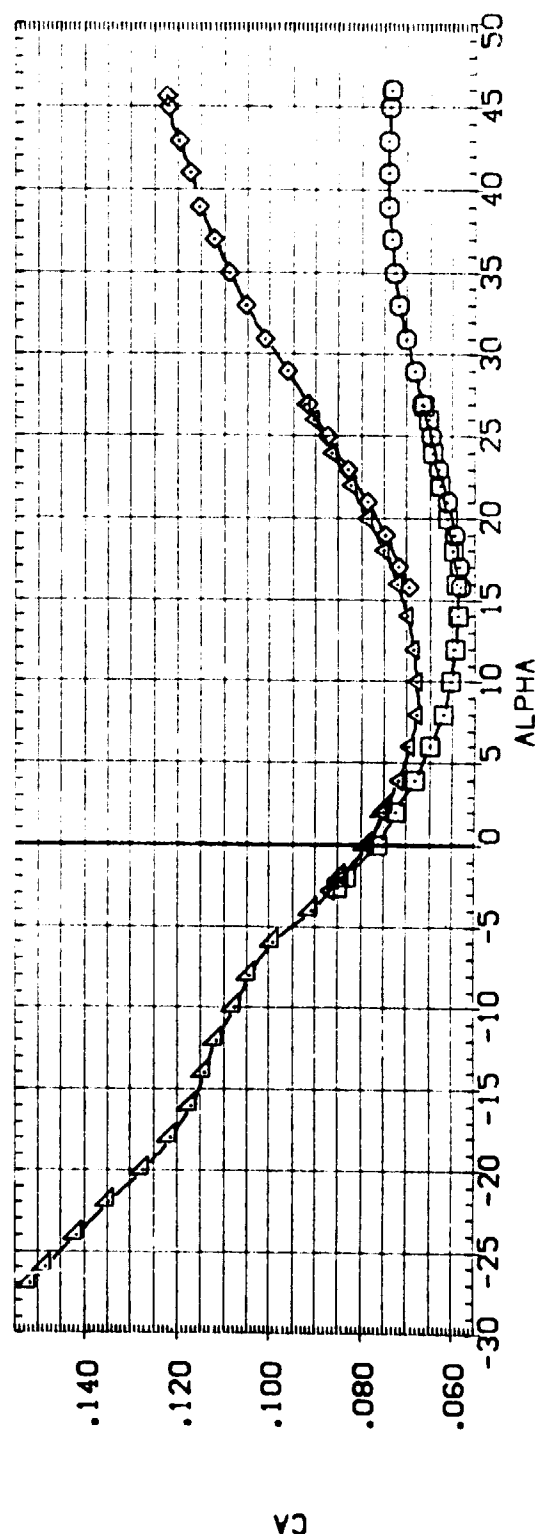
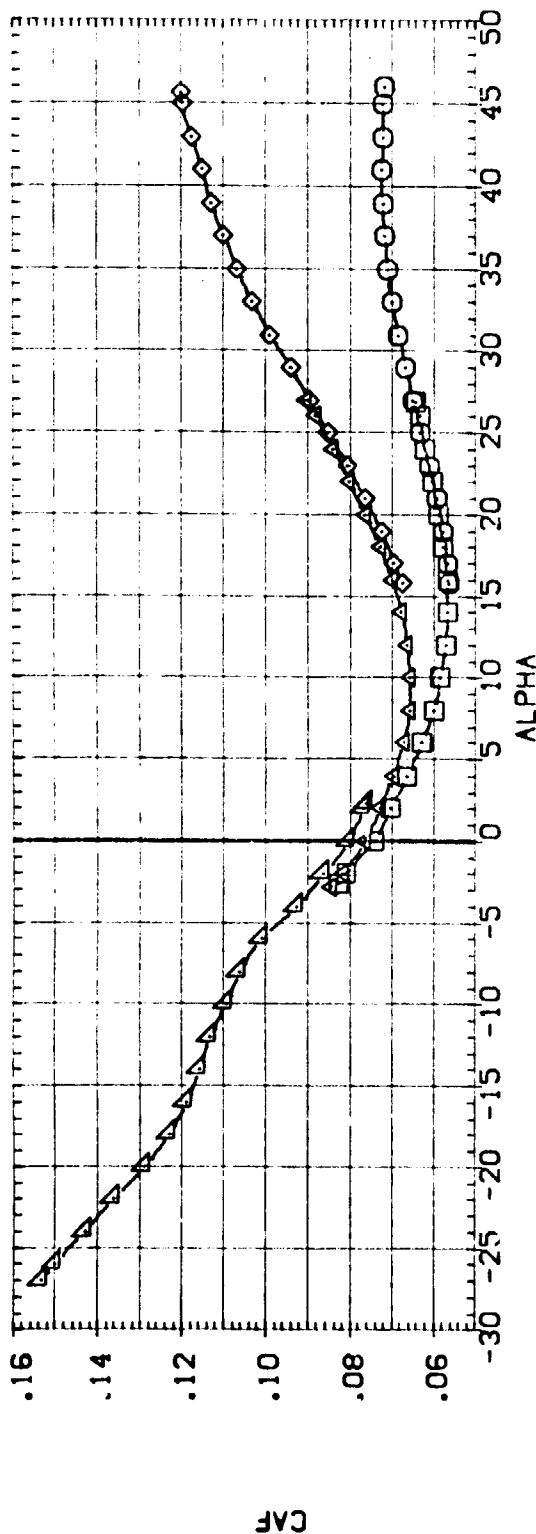


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELLIPSE	BDFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION	SCALE
[ATN047]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(VBR5)	.000	16.300	55.000	.000	SREF 87.1560	50. IN.
[ATN050]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(VBR5)	.000	16.300	55.000	.000	LREF 7.1220	INCHES
[ATN051]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(VBR5)	15.000	16.300	55.000	.000	BREF 14.0520	INCHES
[ATN052]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(VBR5)	15.000	16.300	55.000	.000	XMRP .0000	INCHES
[ATN053]	AEDC VA474(OA77/78) (B26C9/7H7) (V116E26)(VBR5)	15.000	16.300	55.000	.000	YMRP -.3750	INCHES

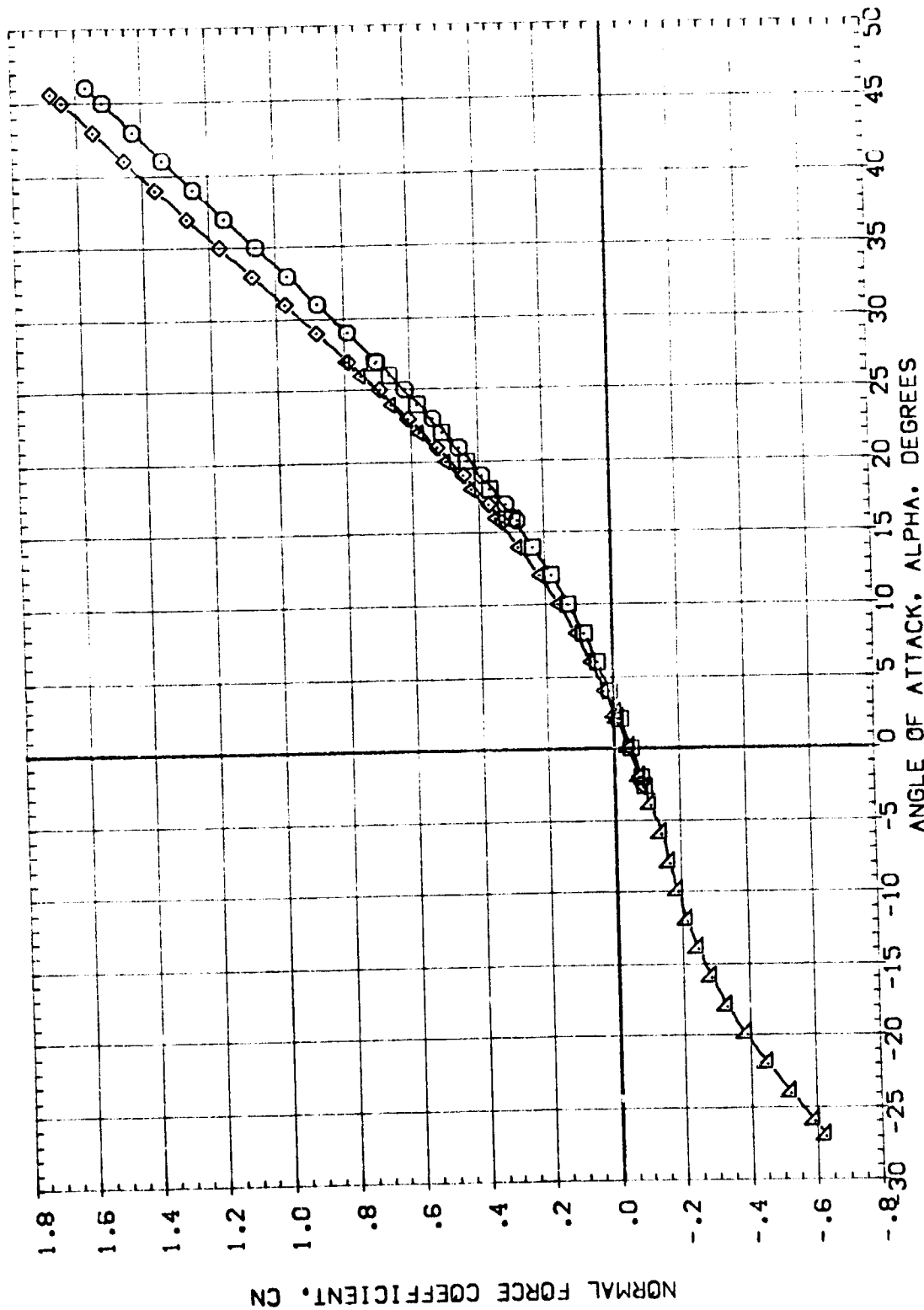


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDER	REFERENCE INFORMATION
[ATN047]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	16.300	55.000	.000	SREF 87.1560 SQ. IN.
[ATN050]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN061]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
[ATN062]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	XMRF 12.6250 INCHES
[ATN063]	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	15.000	16.300	55.000	.000	YMRF .3750 INCHES
						SCALE .0150

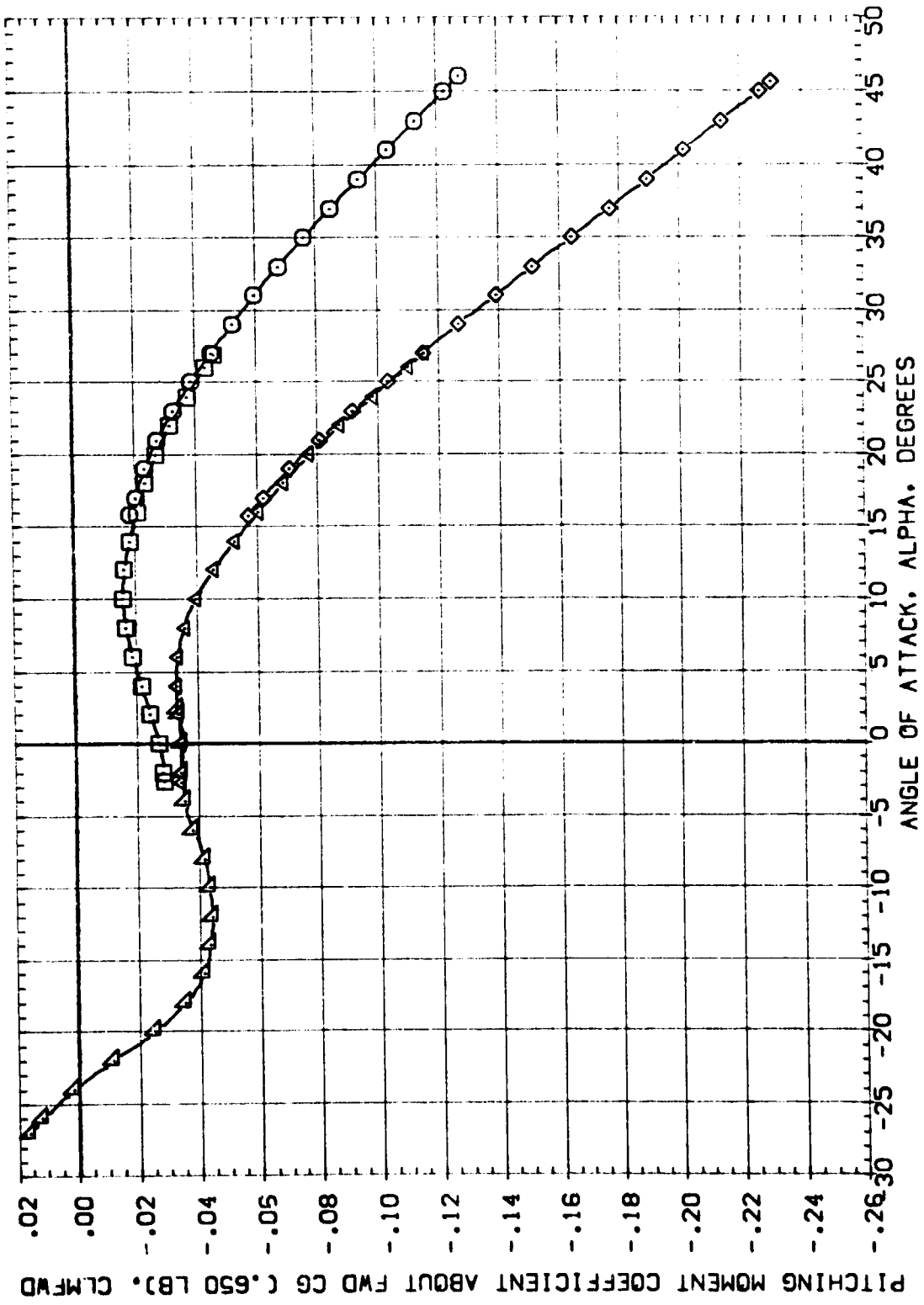


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V8R5)	.000	16.300	55.000	.000	SREF 87.1560 INCHES
(ATN050)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V8R5)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN061)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V8R5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN062)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V8R5)	15.000	16.300	55.000	.000	XMPP 12.6250 INCHES
(ATN063)	AEDC VA474(0A77/78) (B26C9F747)(V116E26)(V8R5)	15.000	16.300	55.000	.000	VMPP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

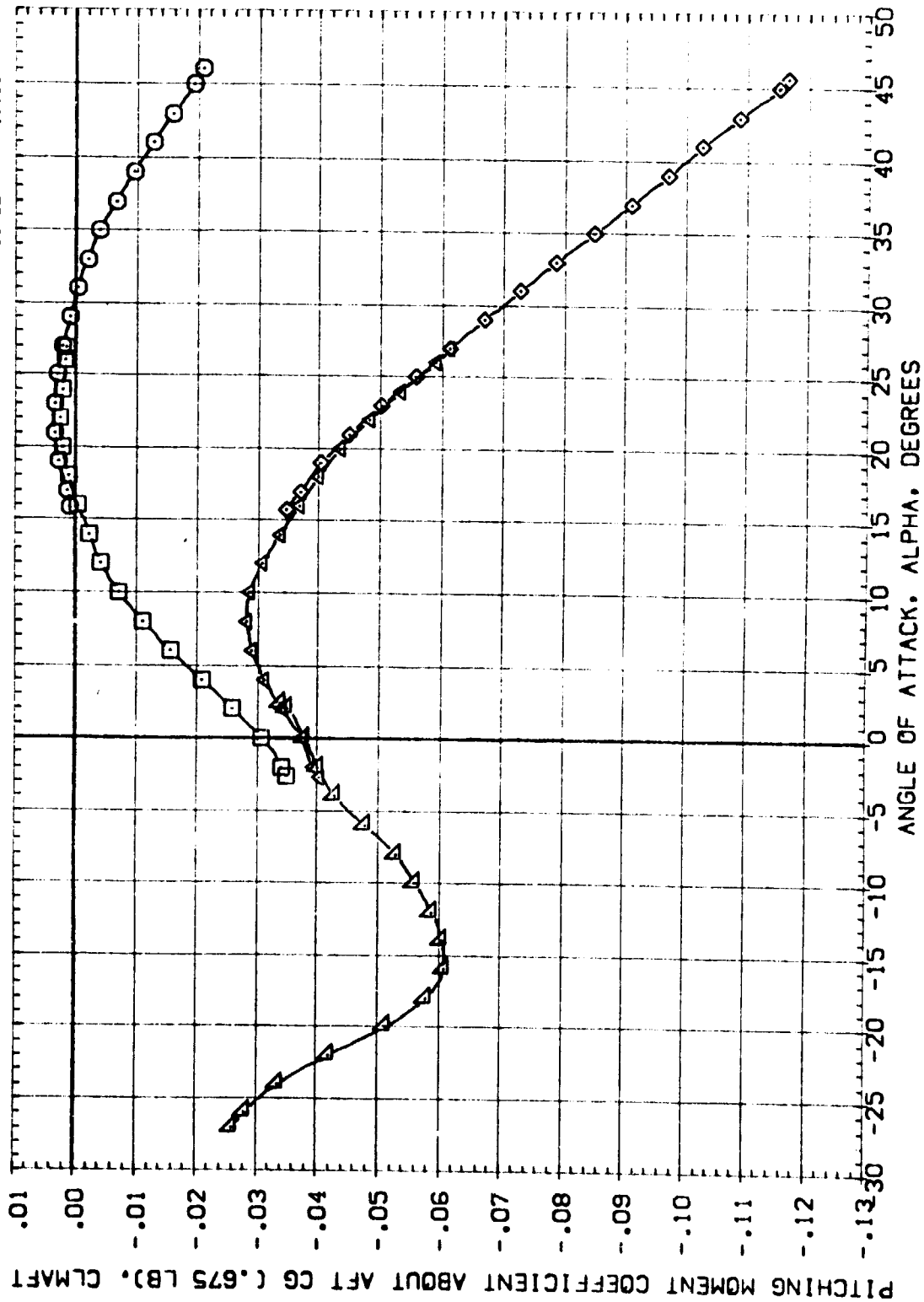


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	ELEVTR	BOFLAP	SPDBRK	RUDDER	REFERENCE INFORMATION
{ATN047}	AEDC VA474(OA77/78) (B26C9F7H7)(V1)SE26(VBR5)	.000	16.300	55.000	.000	SREF 87.1560 INCHES
{ATN050}	AEDC VA474(OA77/78) (B26C9F7H7)(V1)SE26(VBR5)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
{ATN061}	AEDC VA474(OA77/78) (B26C9F7H7)(V1)SE26(VBR5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
{ATN062}	AEDC VA474(OA77/78) (B26C9F7H7)(V1)SE26(VBR5)	15.000	16.300	55.000	.000	YMRP 12.6250 INCHES
{ATN063}	AEDC VA474(OA77/78) (B26C9F7H7)(V1)SE26(VBR5)	15.000	16.300	55.000	.000	ZMRP -.3750 INCHES

SCALE .0150

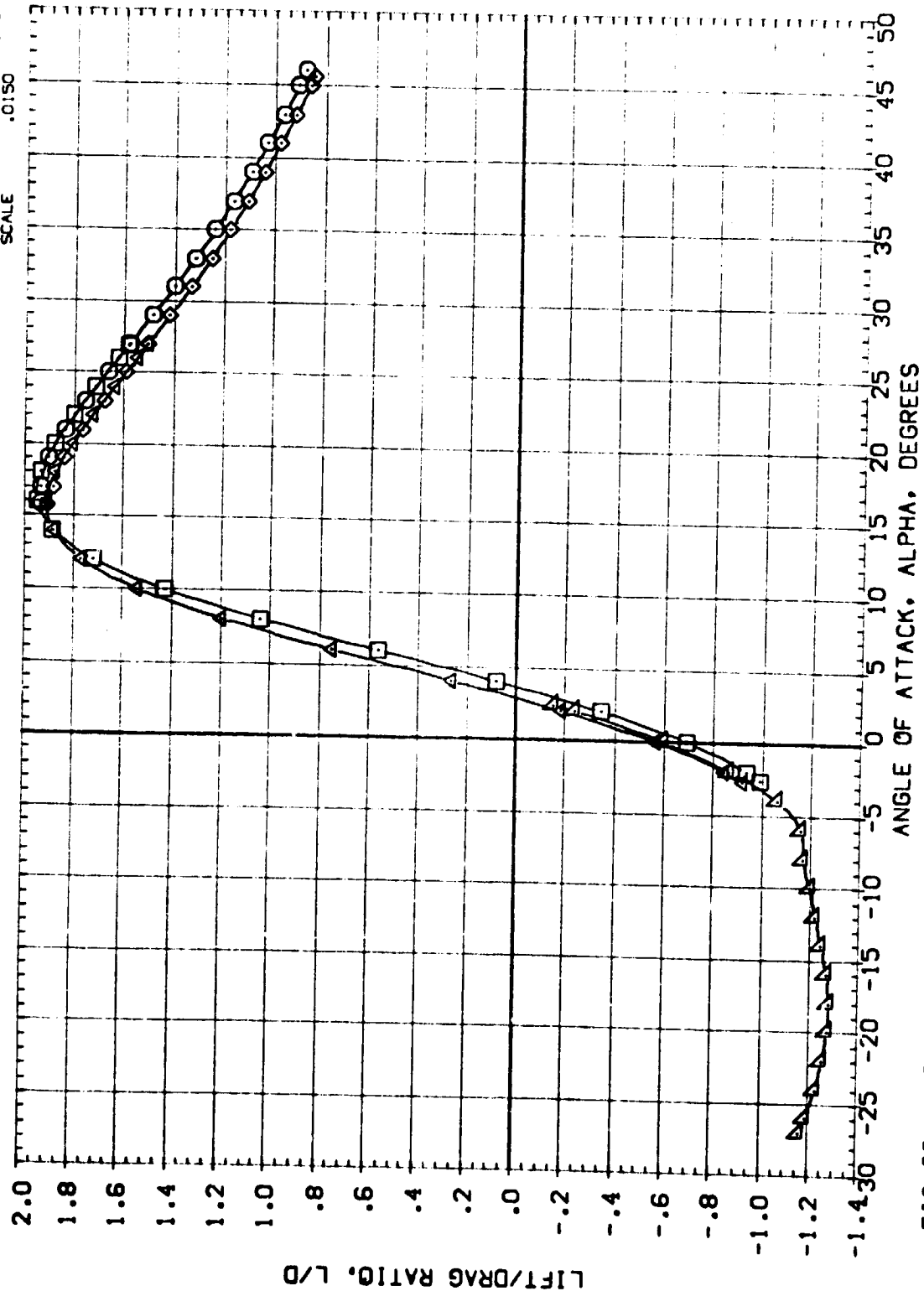


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBK5)	.000	16.300	55.000	.000	SREF 87.1560 50. IN.
(ATN050)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBK5)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN061)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBK5)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN062)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBK5)	15.000	16.300	55.000	.000	XMRP 12.6250 INCHES
(ATN063)	AEDC VA474(0A77/78) (B26C9-7M7) (V115E26) (VBK5)	15.000	16.300	55.000	.000	ZMRP -.3750 INCHES
						SCALE .0150

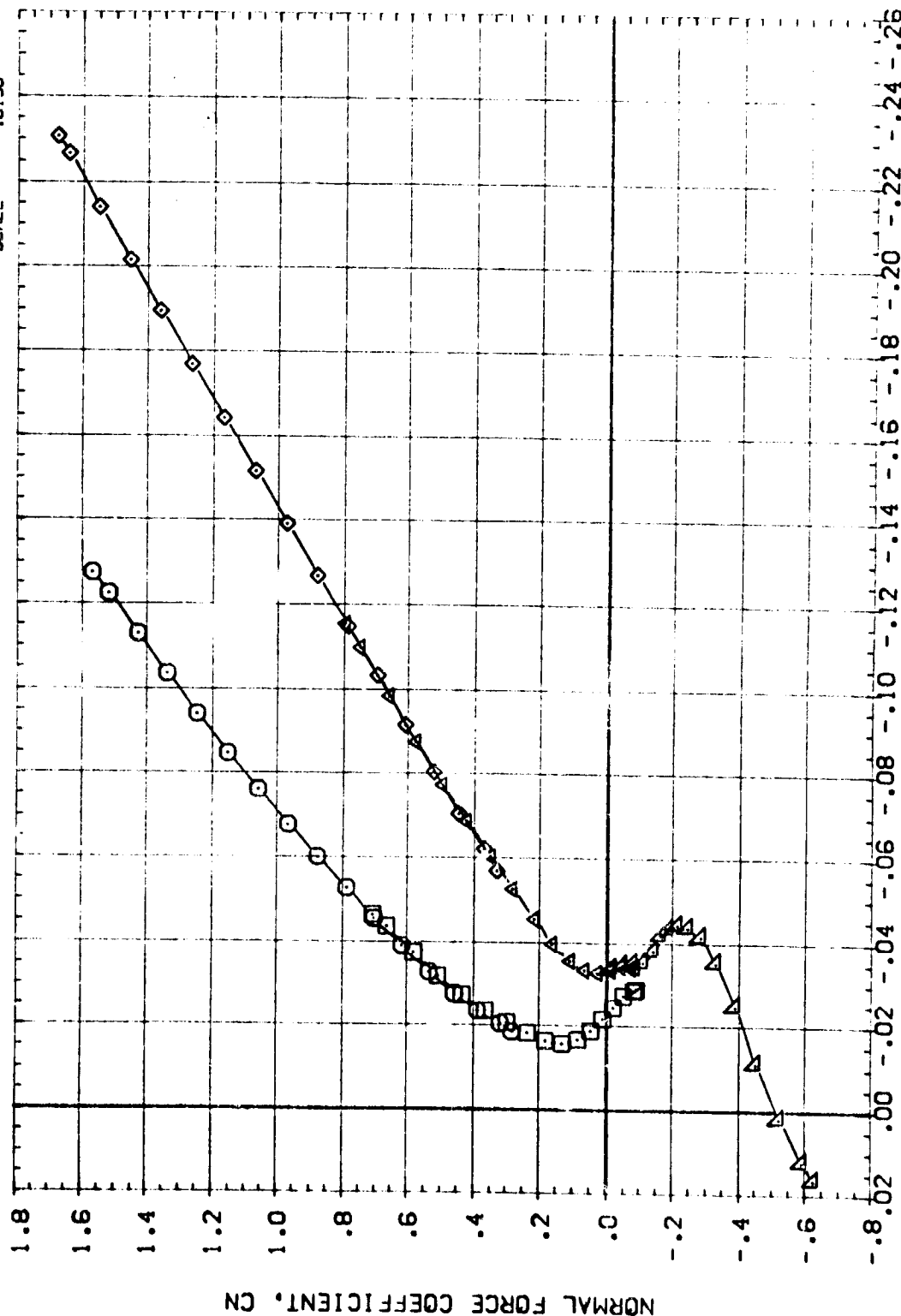


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
(ATN047)	AEDC VA474(OA77/78) (B26C9F7M7)(V11GE26)(VBRS)	.000	16.300	55.000	.000	SREF 87.1560 SQ.IN.
(ATN050)	AEDC VA474(OA77/78) (B26C9F7M7)(V11GE26)(VBRS)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
(ATN051)	AEDC VA474(OA77/78) (B26C9F7M7)(V11GE26)(VBRS)	15.000	16.300	55.000	.000	BREF 14.0520 INCHES
(ATN052)	AEDC VA474(OA77/78) (B26C9F7M7)(V11GE26)(VBRS)	15.000	16.300	55.000	.000	XMRP 12.6250 INCHES
(ATN053)	AEDC VA474(OA77/78) (B26C9F7M7)(V11GE26)(VBRS)	15.000	16.300	55.000	.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

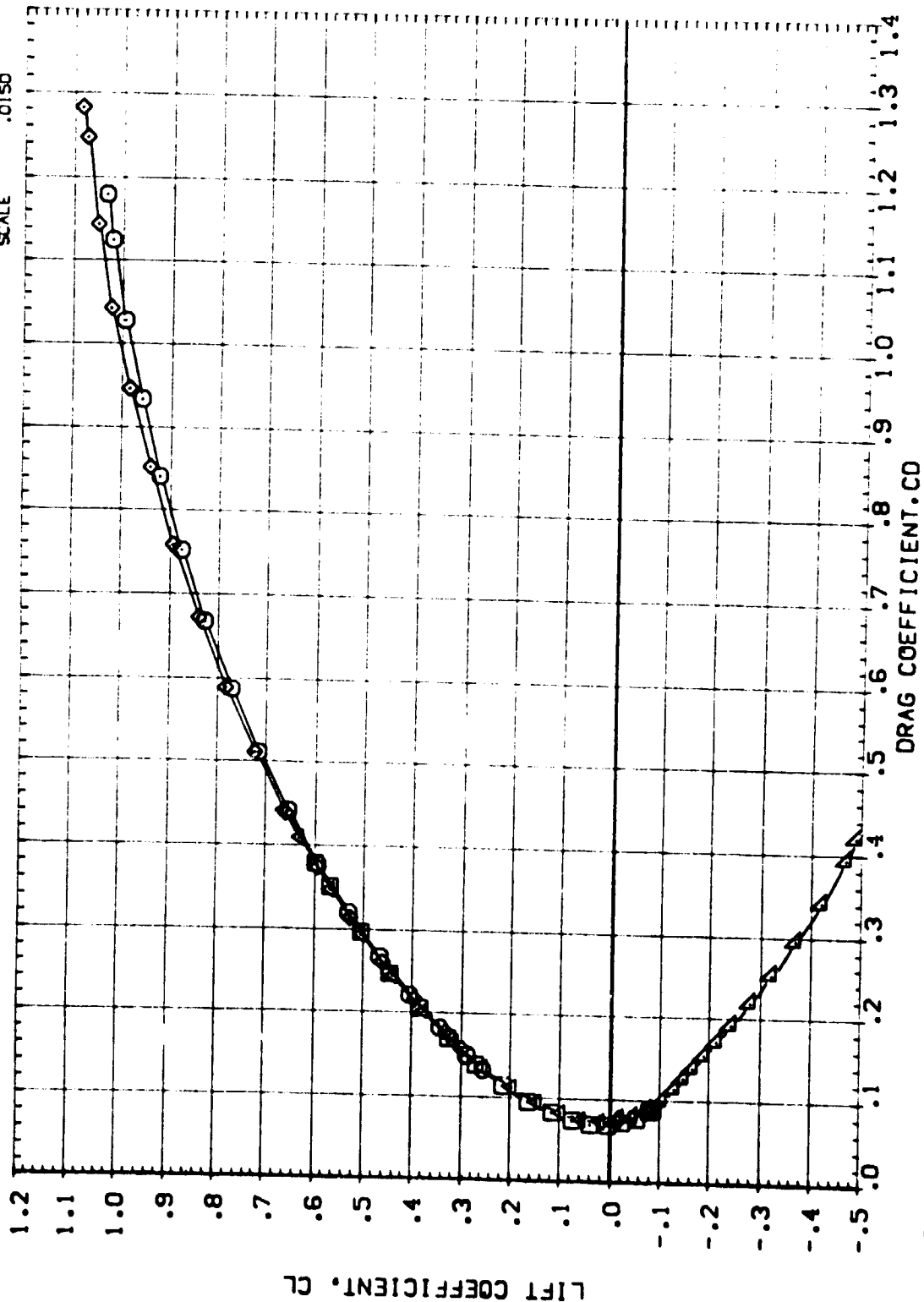


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(A)MACH = 8.00

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	ELEVTR	BOFLAP	SPOBRK	RUDDER	REFERENCE INFORMATION
[ATN047]	AEDC VA474(DA77/78) (B26C9-747) (V11E26) (VBR5)	.000	16.300	55.000	.000	SREF 87.1560 50. IN.
[ATN050]	AEDC VA474(DA77/78) (B26C9-747) (V11E26) (VBR3)	.000	16.300	55.000	.000	LREF 7.1220 INCHES
[ATN051]	AEDC VA474(DA77/78) (B26C9-747) (V11E26) (VBR5)	.000	16.300	55.000	.000	BREF 14.0520 INCHES
[ATN052]	AEDC VA474(DA77/78) (B26C9-747) (V11E26) (VBR5)	15.000	16.300	55.000	.000	XPRP 12.6250 INCHES
[ATN053]	AEDC VA474(DA77/78) (B26C9-747) (V11E26) (VBR5)	15.000	16.300	55.000	.000	YPRP .0000 INCHES
						ZPRP -.3750 INCHES
						SCALE .0150

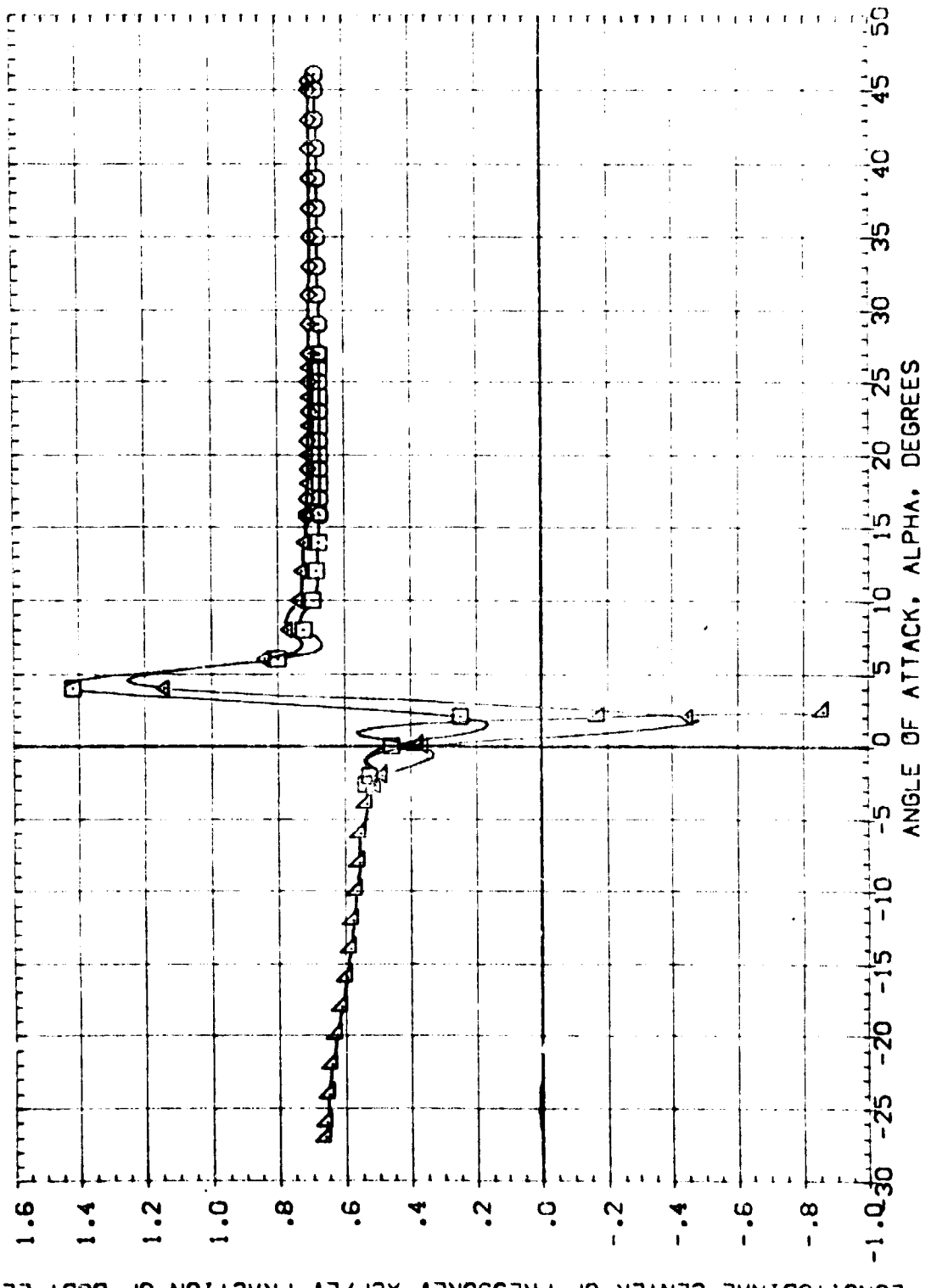


FIG 22 ANGLE OF ATTACK RANGE EFFECTS

(MACH = 8.00)

DATA SET SYMBL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(BTNA01)	AEDC VA474(DA77/78) (B26CSF 7H7) (V116E26) (VBRS)	7.600	-40.000	-11.700	55.000	SRF 87.1560 INCHES
(BTNA02)	AEDC VA474(DA77/78) (B26CSF 7H7) (V116E26) (VBRS)	3.000	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(BTNA03)	AEDC VA474(DA77/78) (B26CSF 7H7) (V116E26) (VBRS)	1.600	-40.000	-11.700	55.000	BREF 14.0520 INCHES
(BTNA11)	AEDC VA474(DA77/78) (B26CSF 7H7) (V116E26) (VBRS)	7.600	.000	-11.700	55.000	XMRP 12.6250 INCHES
(BTNA12)	AEDC VA474(DA77/78) (B26CSF 7H7) (V116E26) (VBRS)	3.000	.000	-11.700	55.000	YMRP .0000 INCHES
(BTNA13)	AEDC VA474(DA77/78) (B26CSF 7H7) (V116E26) (VBRS)	1.600	.000	-11.700	55.000	ZMRP -.3750 INCHES
						SCALE .0150

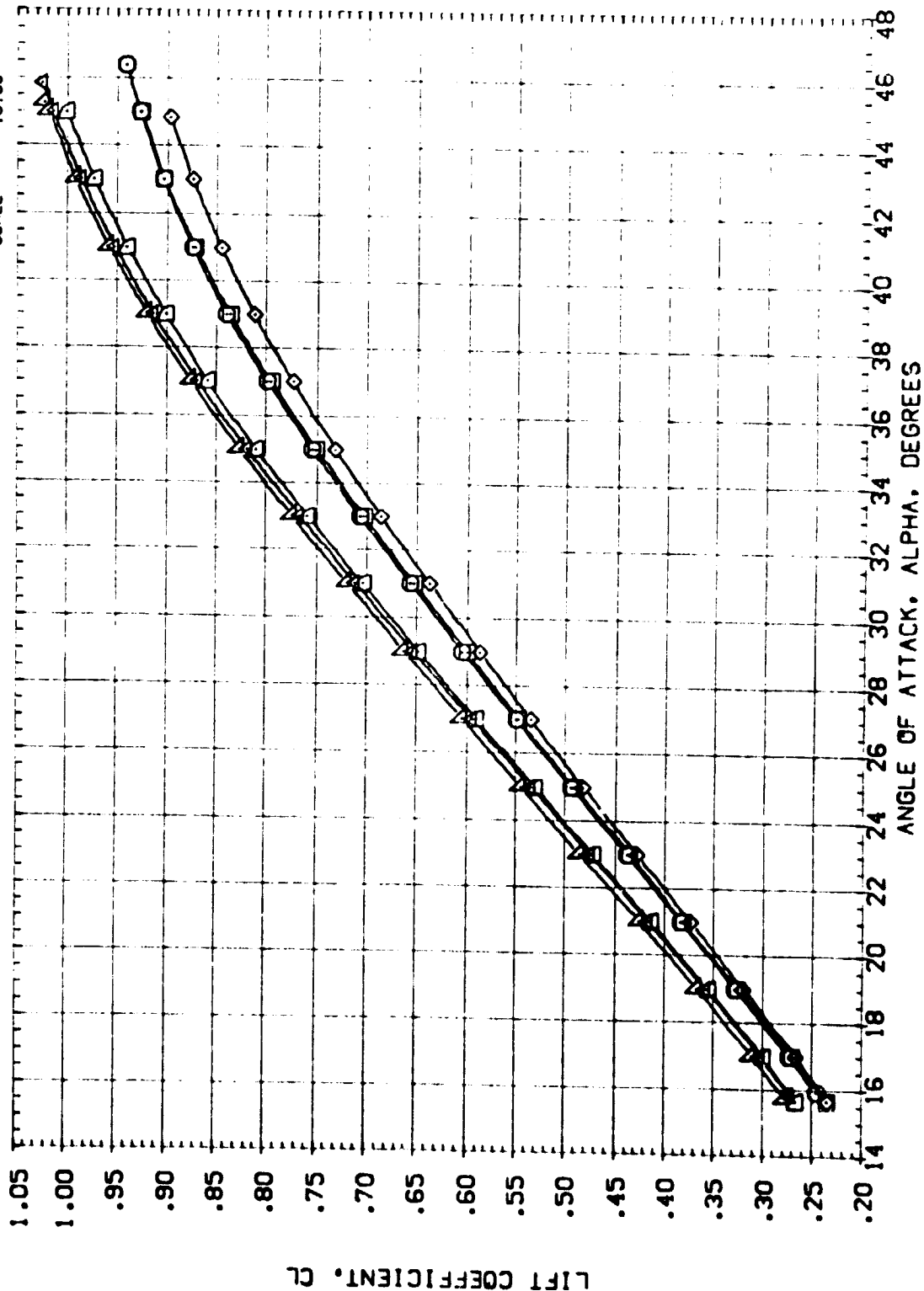


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMB.	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(BTNA01)	AEDC VA474(OA77/78) (826C8-747) (V1) (6226) (V8RS)	7.600	-40.000	-11.700	55.000	SREF 87.1560 50. IN.
(BTNA02)	AEDC VA474(OA77/78) (826C8-747) (V1) (6226) (V8RS)	3.000	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(BTNA03)	AEDC VA474(OA77/78) (826C8-747) (V1) (6226) (V8RS)	1.600	-40.000	-11.700	55.000	BREF 14.0520 INCHES
(BTNA11)	AEDC VA474(OA77/78) (826C8-747) (V1) (6226) (V8RS)	7.600	.000	-11.700	55.000	YMRP .0000 INCHES
(BTNA12)	AEDC VA474(OA77/78) (826C8-747) (V1) (6226) (V8RS)	3.000	.000	-11.700	55.000	ZMRP -3.50 INCHES
(BTNA13)	AEDC VA474(OA77/78) (826C8-747) (V1) (6226) (V8RS)	1.600	.000	-11.700	55.000	SCALE 0.50

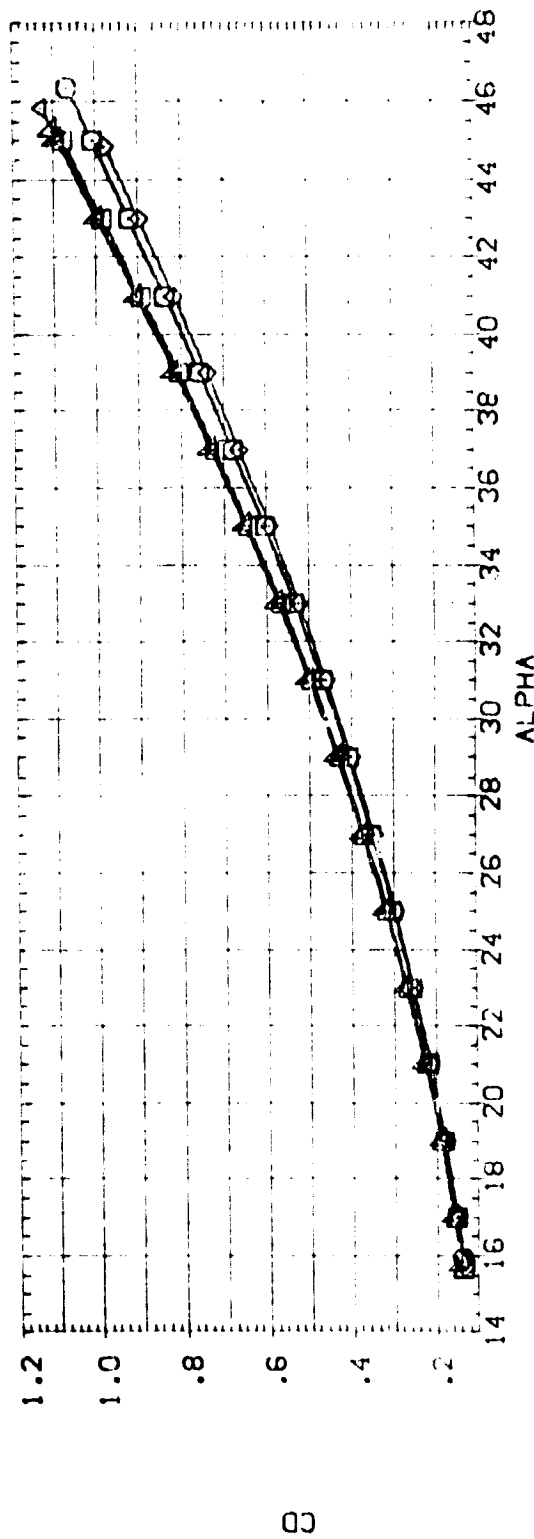
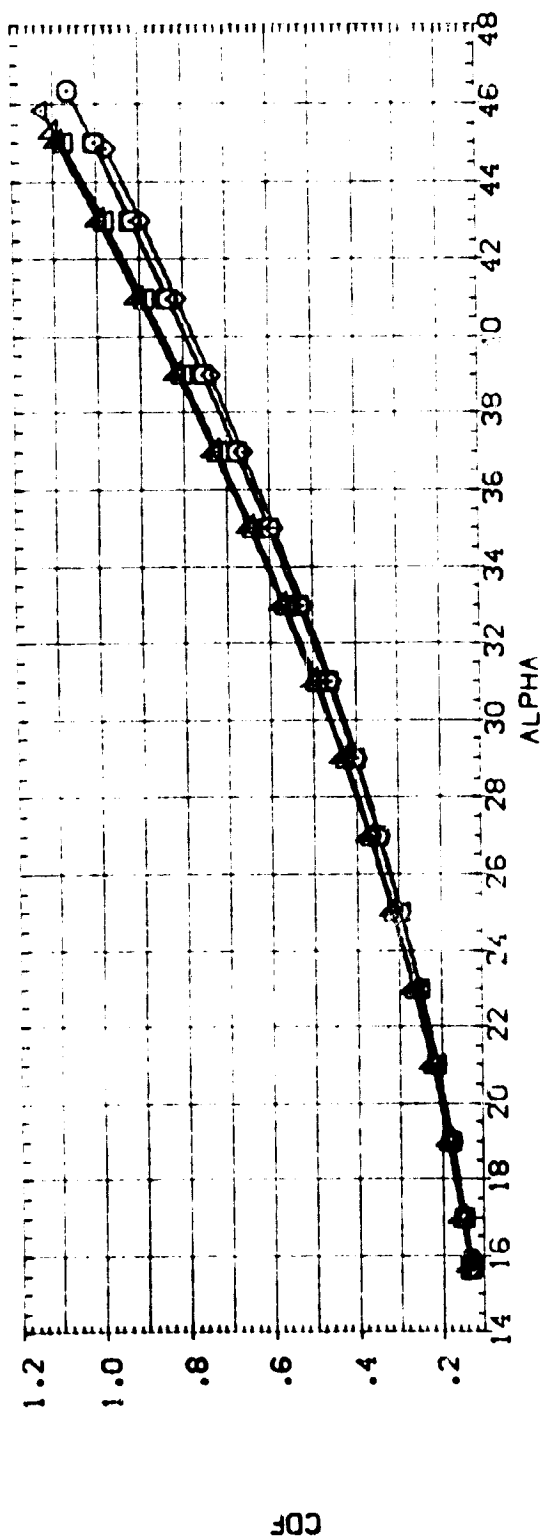


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(ADNAC) = 5.95

DATA SET SYMBOL CONFIGURATION DESCRIPTION RV/L ELEVTR BOFLAP SPDBRK REFERENCE INFORMATION SO. IN.

(BTNAQ1) AEDC VA474(OA77/78) (B26C9F7M7)(V11SE26)(V8R5) 7.600 -40.000 -11.700 55.000 SPREF 87.1560 INCHES

(BTNAQ2) AEDC VA474(OA77/78) (B26C9F7M7)(V11SE26)(V8R5) 3.000 -40.000 -11.700 55.000 LREF 7.1220 INCHES

(BTNAQ3) AEDC VA474(OA77/78) (B26C9F7M7)(V11SE26)(V8R5) 1.600 -40.000 -11.700 55.000 BREF 14.0520 INCHES

(BTNA11) AEDC VA474(OA77/78) (B26C9F7M7)(V11SE26)(V8R5) 7.600 .000 -11.700 55.000 XMRP 12.6250 INCHES

(BTNA12) AEDC VA474(OA77/78) (B26C9F7M7)(V11SE26)(V8R5) 3.000 .000 -11.700 55.000 YMRP .0000 INCHES

(BTNA13) AEDC VA474(OA77/78) (B26C9F7M7)(V11SE26)(V8R5) 1.600 .000 -11.700 55.000 ZMRP -.3750 INCHES

SCALE .0150

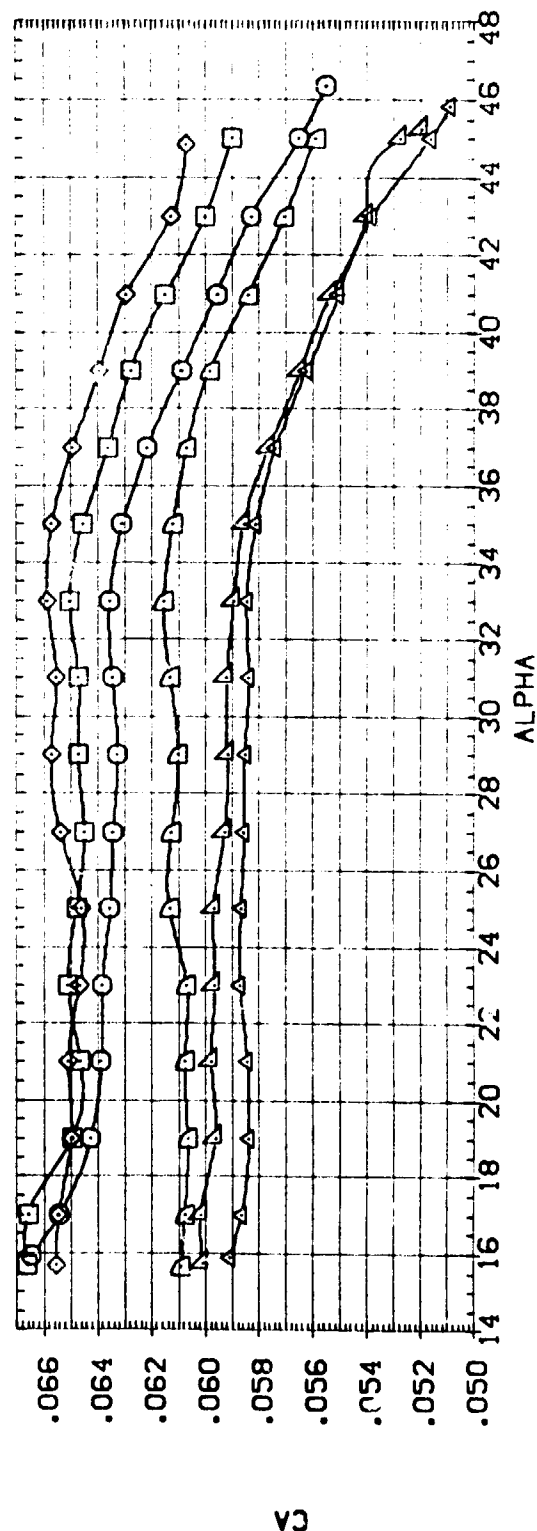
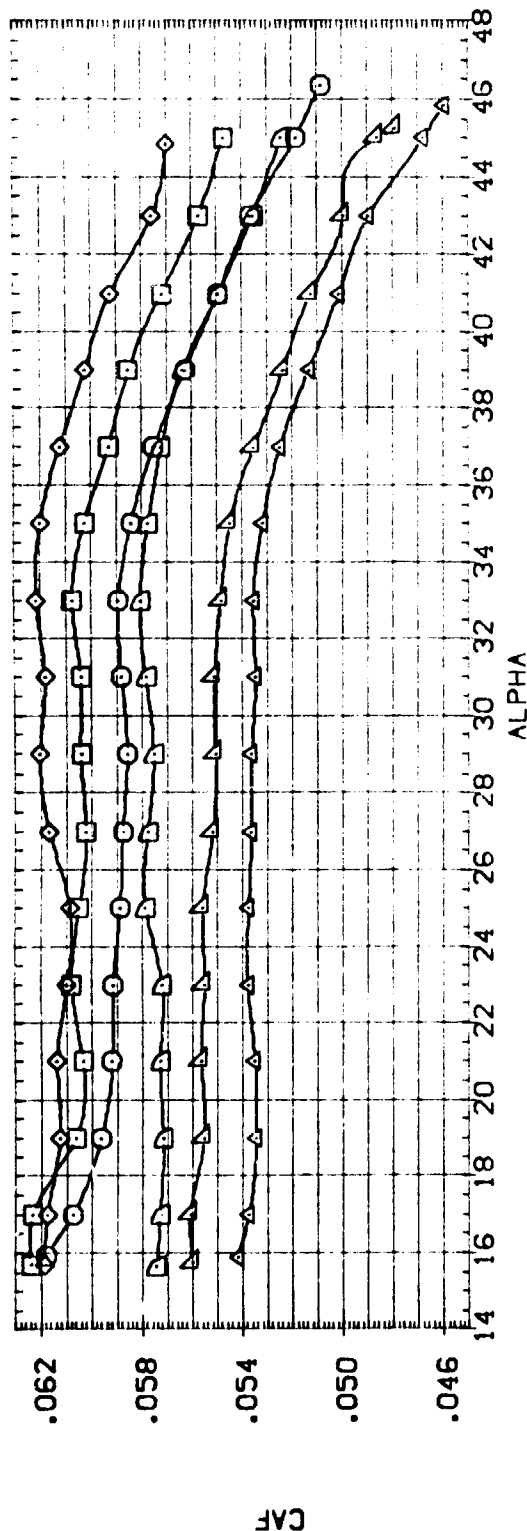


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(BTNA01)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	7.600	-40.000	-11.700	55.000	SREF 87.1560 SO, IN. INCHES
(BTNA02)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	3.000	-40.000	-11.700	55.000	REF 7.1220 INCHES
(BTNA03)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	1.600	-40.000	-11.700	55.000	REF 14.0520 INCHES
(BTNA11)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	7.600	.000	-11.700	55.000	YMRP 12.6250 INCHES
(BTNA12)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	3.000	.000	-11.700	55.000	YMRP .0000 INCHES
(BTNA13)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	1.600	.000	-11.700	55.000	YMRP -.3750 INCHES
						SCALE .0150

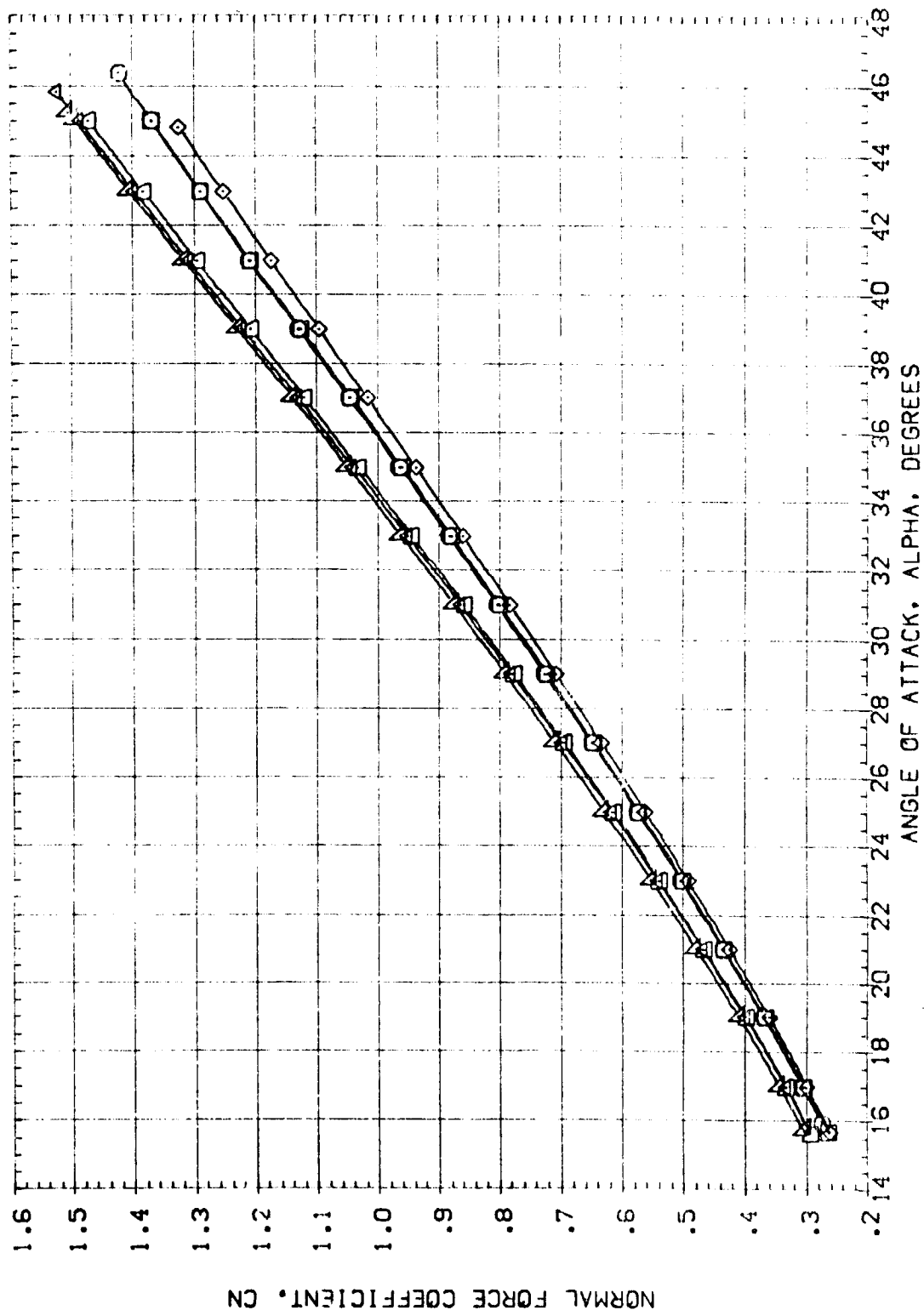
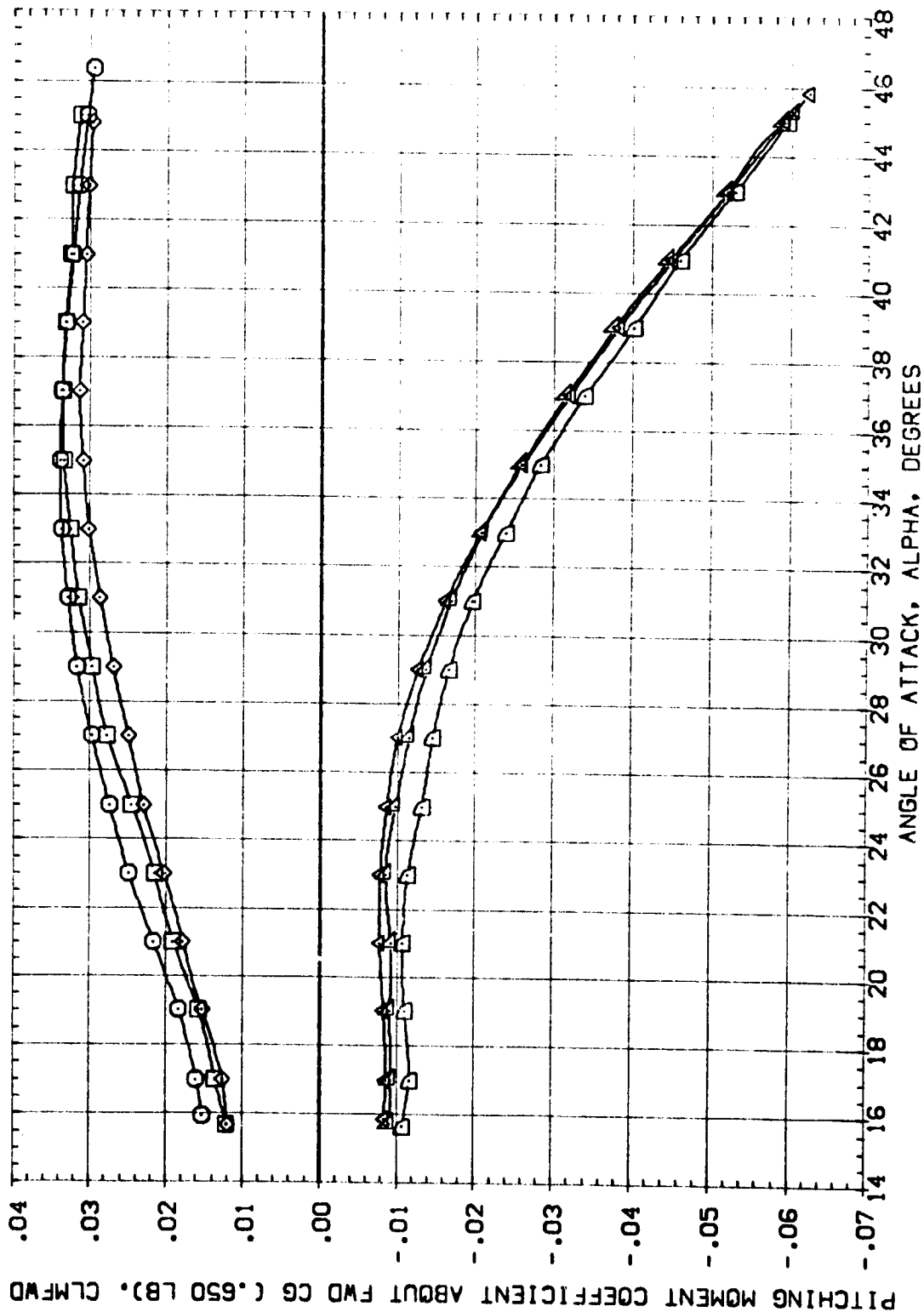


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
{BTMA01}	AEDC VA474(OA77/78) (B26C9-7M7) (W116E26) (VBK5)	7.600	-40.000	-11.700	55.000	SREF 87.1560 SQ. IN.
{BTMA02}	AEDC VA474(OA77/78) (B26C9-7M7) (W116E26) (VBK5)	3.000	-40.000	-11.700	55.000	LREF 7.1220 INCHES
{BTMA03}	AEDC VA474(OA77/78) (B26C9-7M7) (W116E26) (VBK5)	1.600	-40.000	-11.700	55.000	BREF 14.0520 INCHES
{BTMA11}	AEDC VA474(OA77/78) (B26C9-7M7) (W116E26) (VBK5)	7.600	.000	-11.700	55.000	XMRP 12.6250 INCHES
{BTMA12}	AEDC VA474(OA77/78) (B26C9-7M7) (W116E26) (VBK5)	3.000	.000	-11.700	55.000	YMRP .0000 INCHES
{BTMA13}	AEDC VA474(OA77/78) (B26C9-7M7) (W116E26) (VBK5)	1.600	.000	-11.700	55.000	ZMRP -.3750 INCHES
						SCALE .0150



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
[BTNA01]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VB85)	7.500	-40.000	-11.700	55.000	SREF 87.1560 SQ. IN.
[BTNA02]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VB85)	3.000	-40.000	-11.700	55.000	LREF 7.1220 INCHES
[BTNA03]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VB85)	7.500	-40.000	-11.700	55.000	BREF 14.0520 INCHES
[BTNA11]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VB85)	7.500	.000	-11.700	55.000	XMRP 12.6250 INCHES
[BTNA12]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VB85)	3.000	.000	-11.700	55.000	YMRP .0000 INCHES
[BTNA13]	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VB85)	1.500	.000	-11.700	55.000	ZMRP -.3750 INCHES
						SCALE .0150

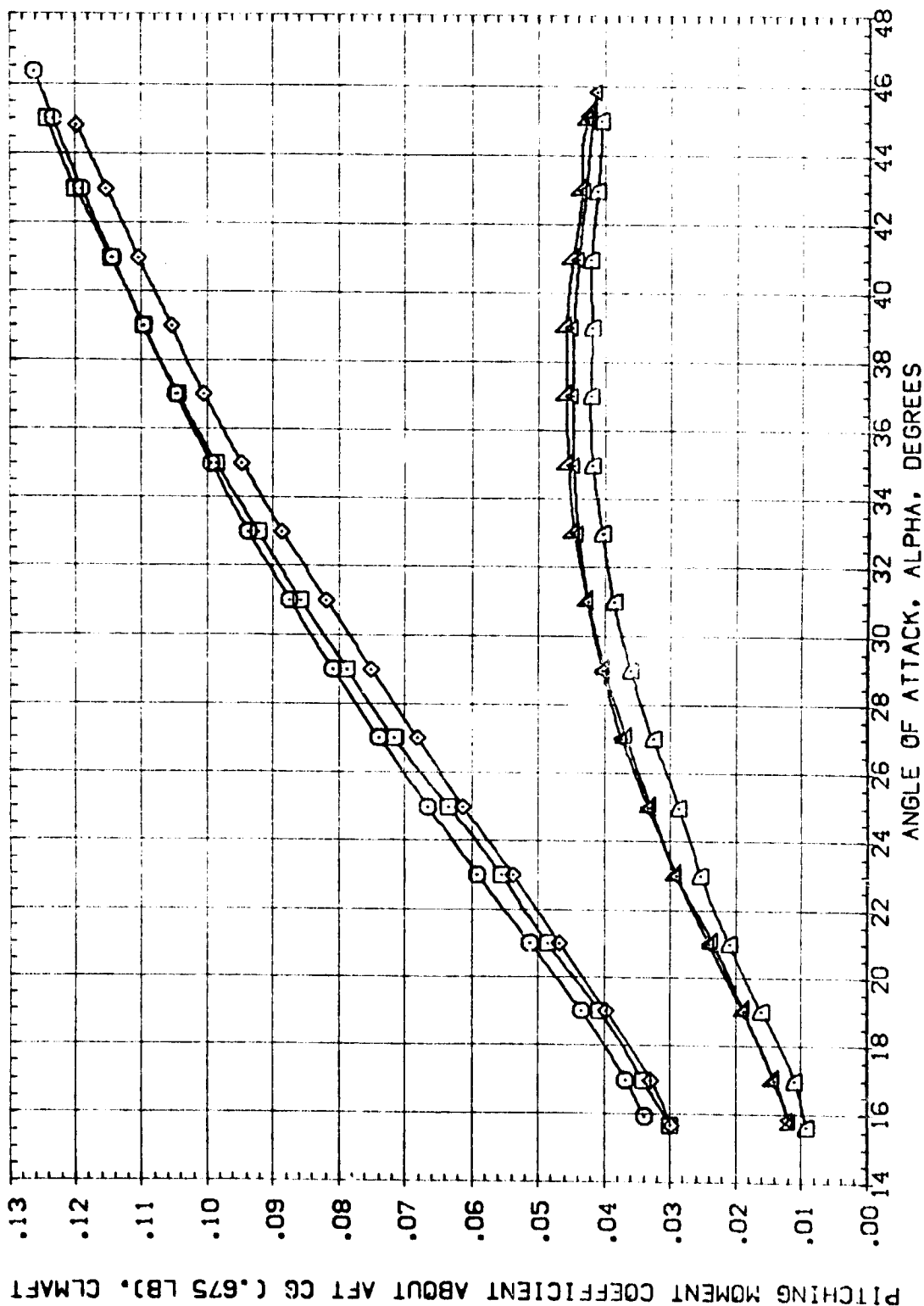


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(BTNA01)	AEDC VA474(OA77/78) (B26CSF7H7) (V116E26) (VBR5)	7.600	-40.000	-11.700	55.000	SREF 87.1560 SO.IN.
(BTNA02)	AEDC VA474(OA77/78) (B26CSF7H7) (V116E26) (VBR5)	3.000	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(BTNA03)	AEDC VA474(OA77/78) (B26CSF7H7) (V116E26) (VBR5)	1.600	-40.000	-11.700	55.000	BREF 14.0520 INCHES
(BTNA11)	AEDC VA474(OA77/78) (B26CSF7H7) (V116E26) (VBR5)	7.600	.000	-11.700	55.000	XMRP 12.6250 INCHES
(BTNA12)	AEDC VA474(OA77/78) (B26CSF7H7) (V116E26) (VBR5)	3.000	.000	-11.700	55.000	YMRP .0000 INCHES
(BTNA13)	AEDC VA474(OA77/78) (B26CSF7H7) (V116E26) (VBR5)	1.600	.000	-11.700	55.000	ZMRP -.3750 INCHES
					SCALE	.0150

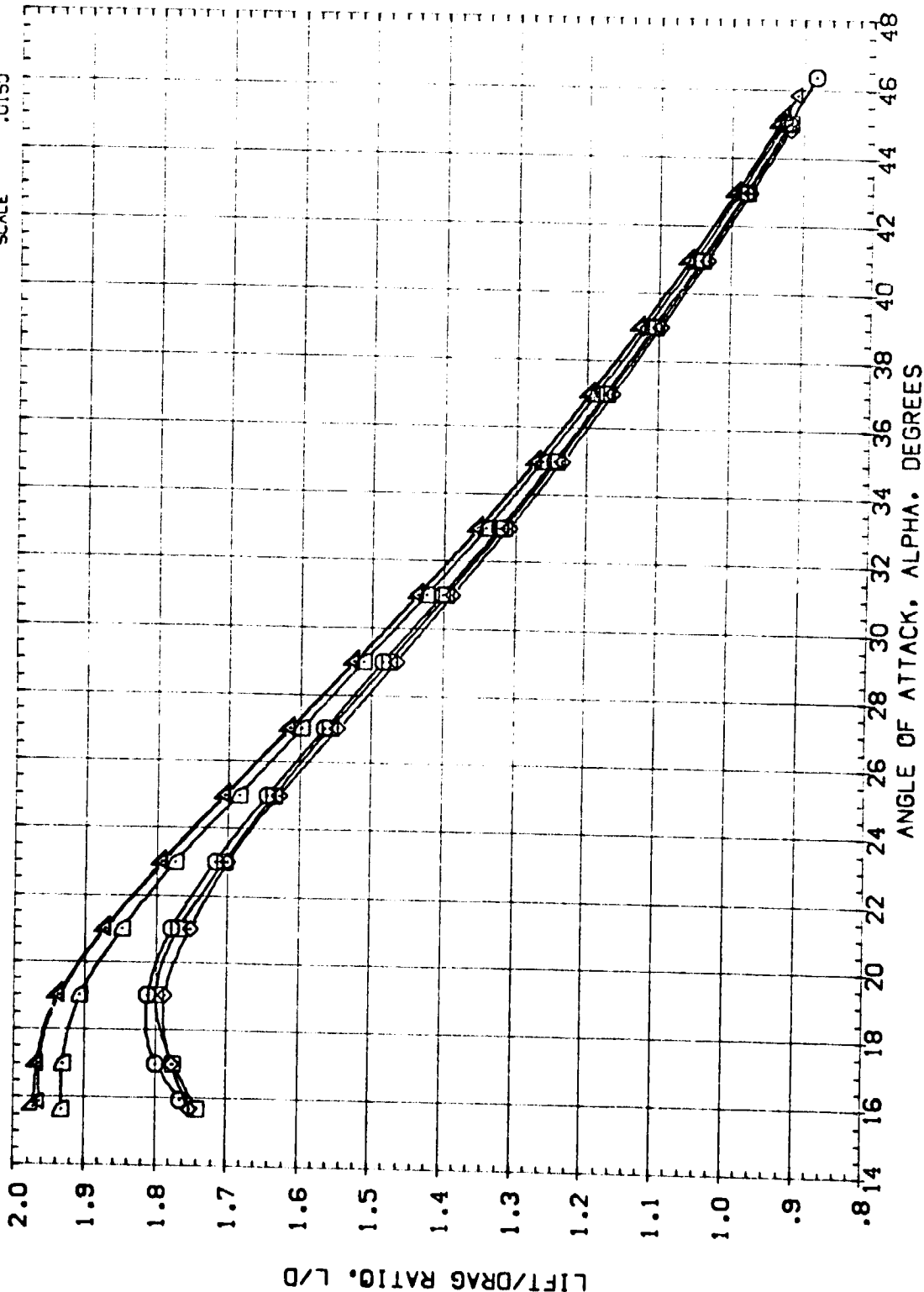


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(BTNA01)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26)(V8R5)	7.600	-40.000	-11.700	55.000	67.1560
(BTNA02)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26)(V8R5)	3.000	-40.000	-11.700	55.000	7.1220
(BTNA03)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26)(V8R5)	1.600	-40.000	-11.700	55.000	14.0520
(BTNA11)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26)(V8R5)	7.600	.000	-11.700	55.000	12.6250
(BTNA12)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26)(V8R5)	3.000	.000	-11.700	55.000	.0000
(BTNA13)	AEDC VA474(0A77/78) (B26C9F7M7) (W116E26)(V8R5)	1.600	.000	-11.700	55.000	-.3750
					SCALE	.0150

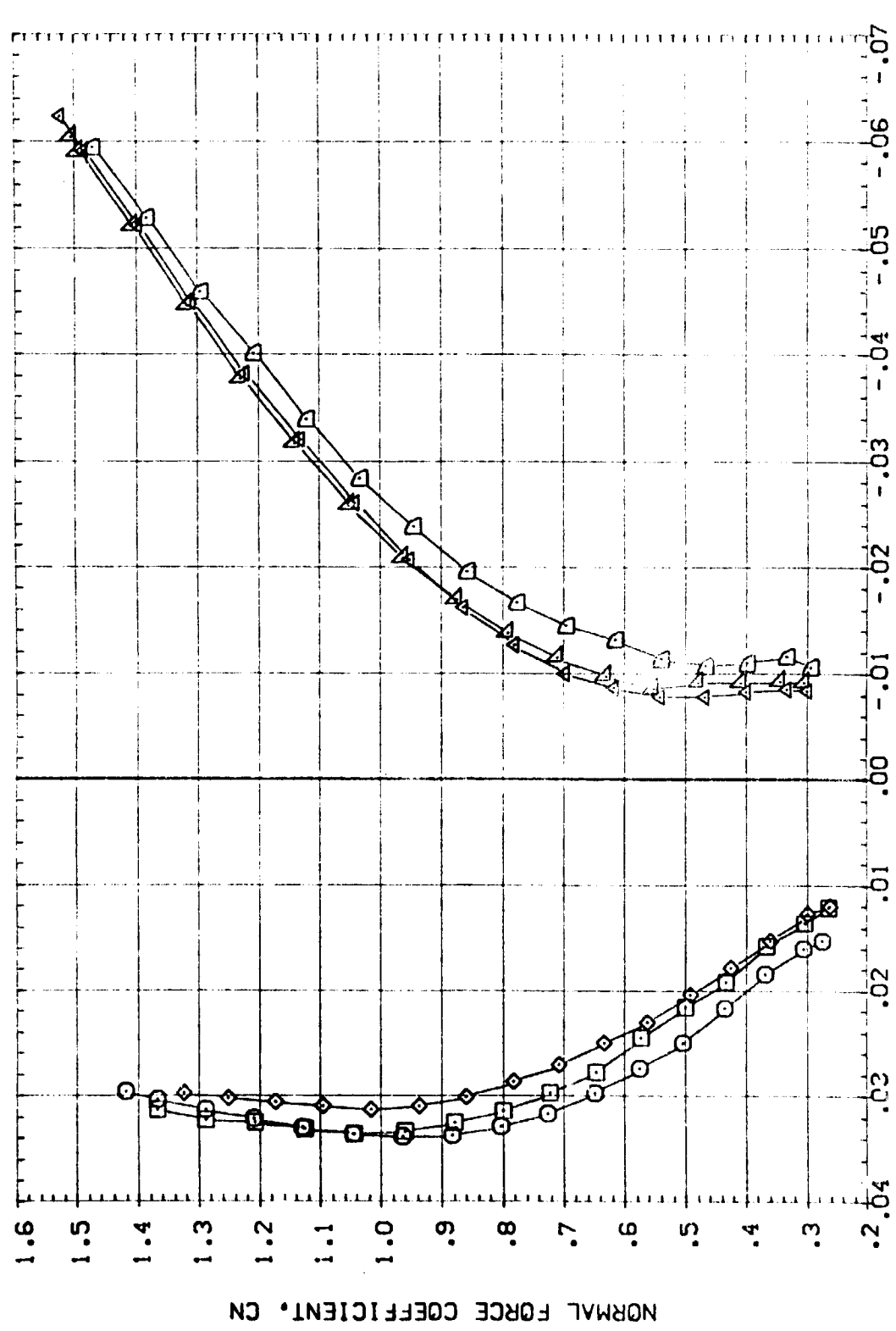


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
{BTNA01}	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	7.500	-40.000	-11.700	55.000	SREF 87.1560 SQ. IN.
{BTNA02}	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	3.000	-40.000	-11.700	55.000	LREF 7.1220 INCHES
{BTNA03}	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	1.500	-40.000	-11.700	55.000	BREF 14.0520 INCHES
{BTNA11}	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	7.500	.000	-11.700	55.000	YMRP 12.6250 INCHES
{BTNA12}	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	3.000	.000	-11.700	55.000	ZMRP .0000 INCHES
{BTNA13}	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	1.500	.000	-11.700	55.000	ZMRP -.3750 INCHES
						SCALE .0150

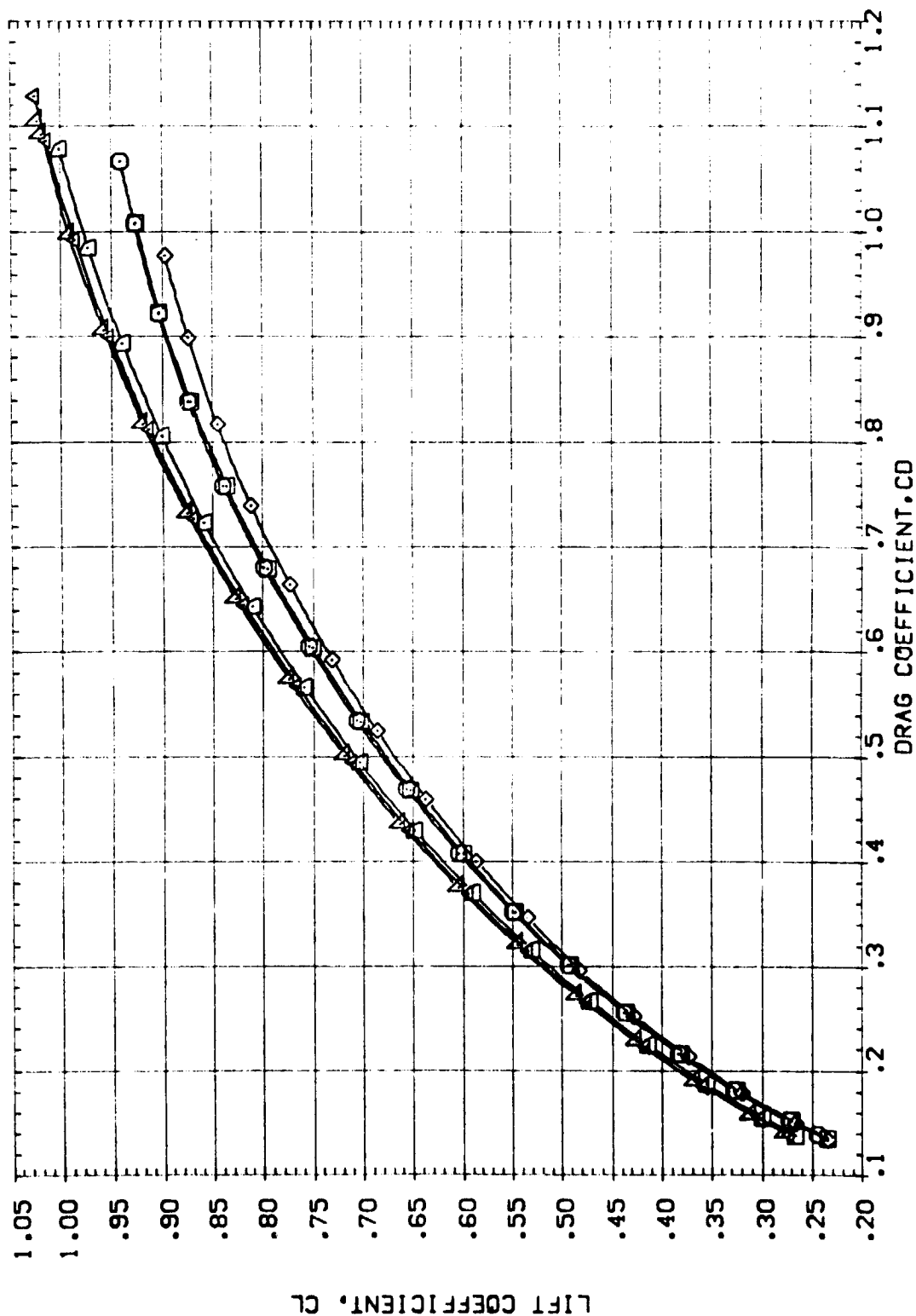
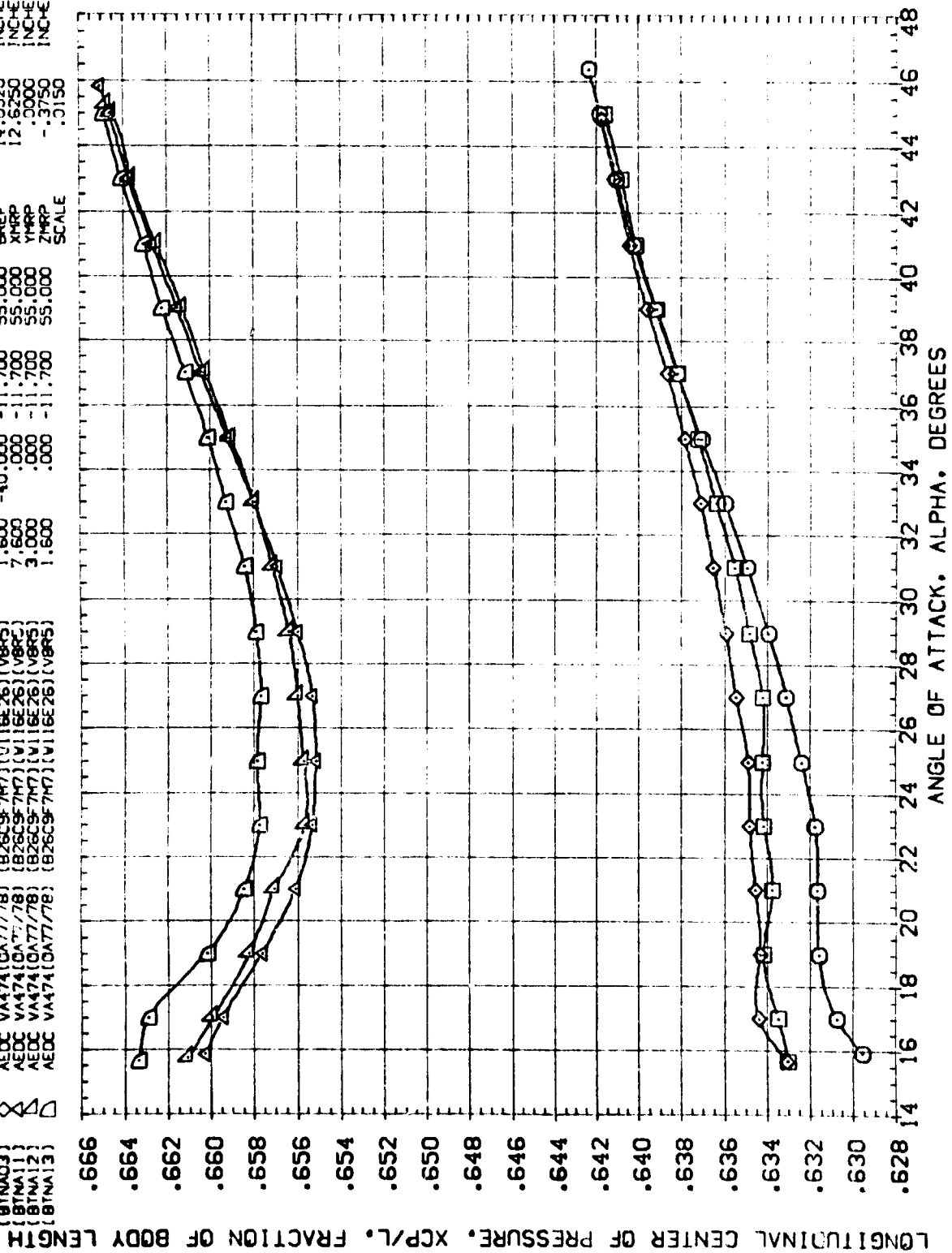


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOF LAP	SPOBRK	REFERENCE INFORMATION	SO. IN.
(BTNA01)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(VBR5)	7.600	-40.000	-11.700	55.000	SREF 87.1560	INCHES
(BTNA02)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(VBR5)	3.000	-40.000	-11.700	55.000	LREF 7.1220	INCHES
(BTNA03)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(VBR5)	1.600	-40.000	-11.700	55.000	BREF 14.0520	INCHES
(BTNA11)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(VBR5)	7.600	.000	-11.700	55.000	XMRP 12.6250	INCHES
(BTNA12)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(VBR5)	3.000	.000	-11.700	55.000	YMRP .0000	INCHES
(BTNA13)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(VBR5)	1.600	.000	-11.700	55.000	ZMRP -.3750	INCHES
						SCALE .0150	



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
{BTNA27}	AEDC VA474(OA77/78) (B26CSF7M7) (V11GE26) (VBRS)	7.600	-40.000	.000	55.000	SREF 87.1563 SQ. IN.
{BTNA28}	AEDC VA474(OA77/78) (B26CSF7M7) (V11GE26) (VBRS)	3.000	-40.000	.000	55.000	LREF 7.1223 INCHES
{BTNA29}	AEDC VA474(OA77/78) (B26CSF7M7) (V11GE26) (VBRS)	1.600	-40.000	.000	55.000	BREF 14.0520 INCHES
{BTNA31}	AEDC VA474(OA77/78) (B26CSF7M7) (V11GE26) (VBRS)	7.600	.000	.000	55.000	XMRP 12.6250 INCHES
{BTNA32}	AEDC VA474(OA77/78) (B26CSF7M7) (V11GE26) (VBRS)	3.000	.000	.000	55.000	YMRP .0000 INCHES
{BTNA33}	AEDC VA474(OA77/78) (B26CSF7M7) (V11GE26) (VBRS)	1.600	.000	.000	55.000	ZMRP -.3750 INCHES
						SCALE .0150

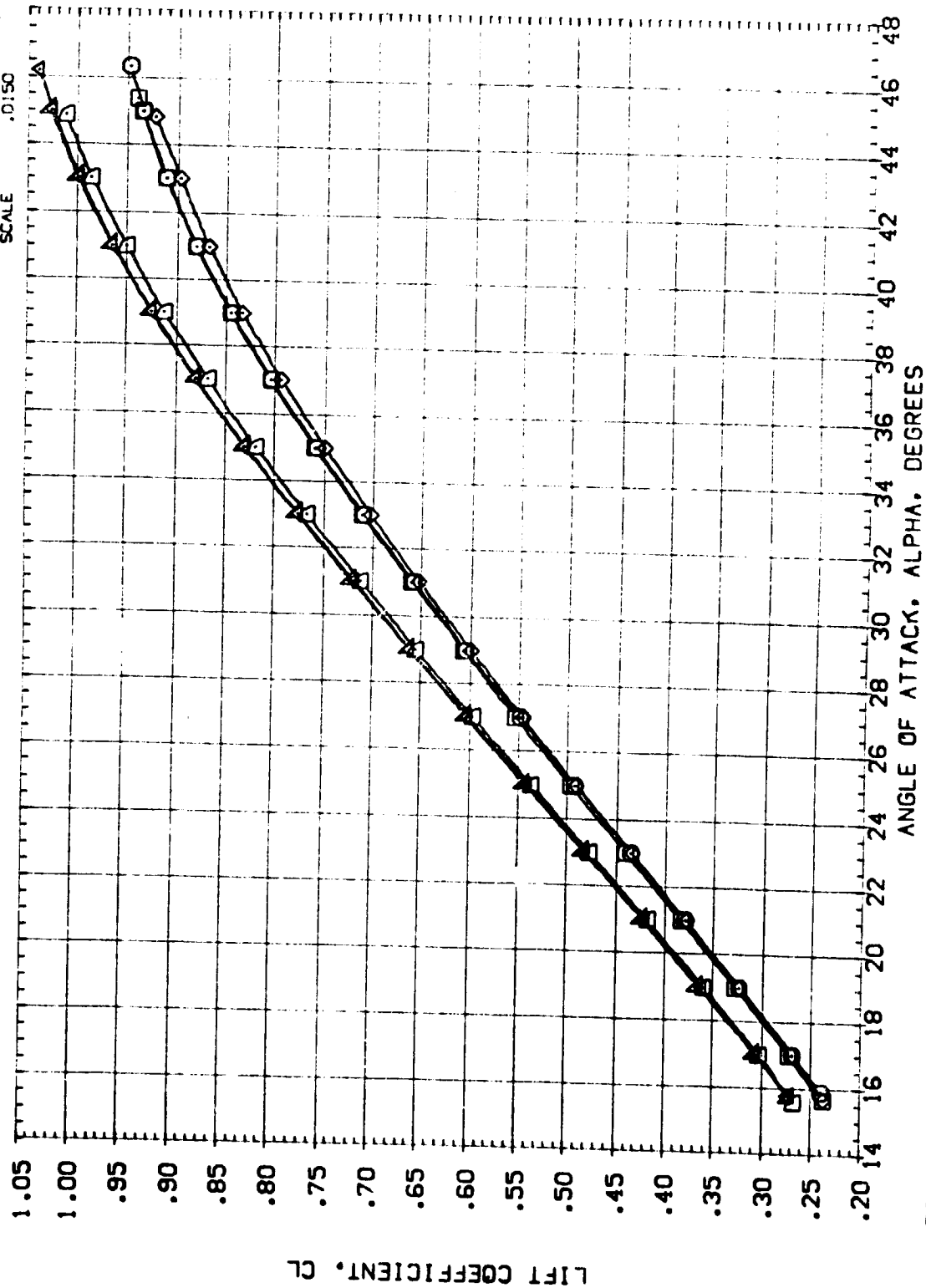


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONF:GURATION DESCRIPTION	RN/L	ELEVTR	BDFLAP	SPOBRK	REFERENCE INFORMATION
(BTNA27)	AEDC VA474(CA77/78) (B26C9F7H7) (V116E26)(V8R5)	7.600	-40.000	.000	55.000	87.1563 50.1N
(BTNA28)	AEDC VA474(CA77/78) (B26C9F7H7) (V116E26)(V8R5)	3.000	-40.000	.000	55.000	7.1220 INCHES
(BTNA29)	AEDC VA474(CA77/78) (B26C9F7H7) (V116E26)(V8R5)	1.600	-40.000	.000	55.000	14.0520 INCHES
(BTNA31)	AEDC VA474(CA77/78) (B26C9F7H7) (V116E26)(V8R5)	7.600	.000	.000	55.000	12.6250 INCHES
(BTNA32)	AEDC VA474(CA77/78) (B26C9F7H7) (V116E26)(V8R5)	3.000	.000	.000	55.000	.0000 INCHES
(BTNA33)	AEDC VA474(CA77/78) (B26C9F7H7) (V116E26)(V8R5)	1.600	.000	.000	55.000	-.3750 INCHES
						SCALE

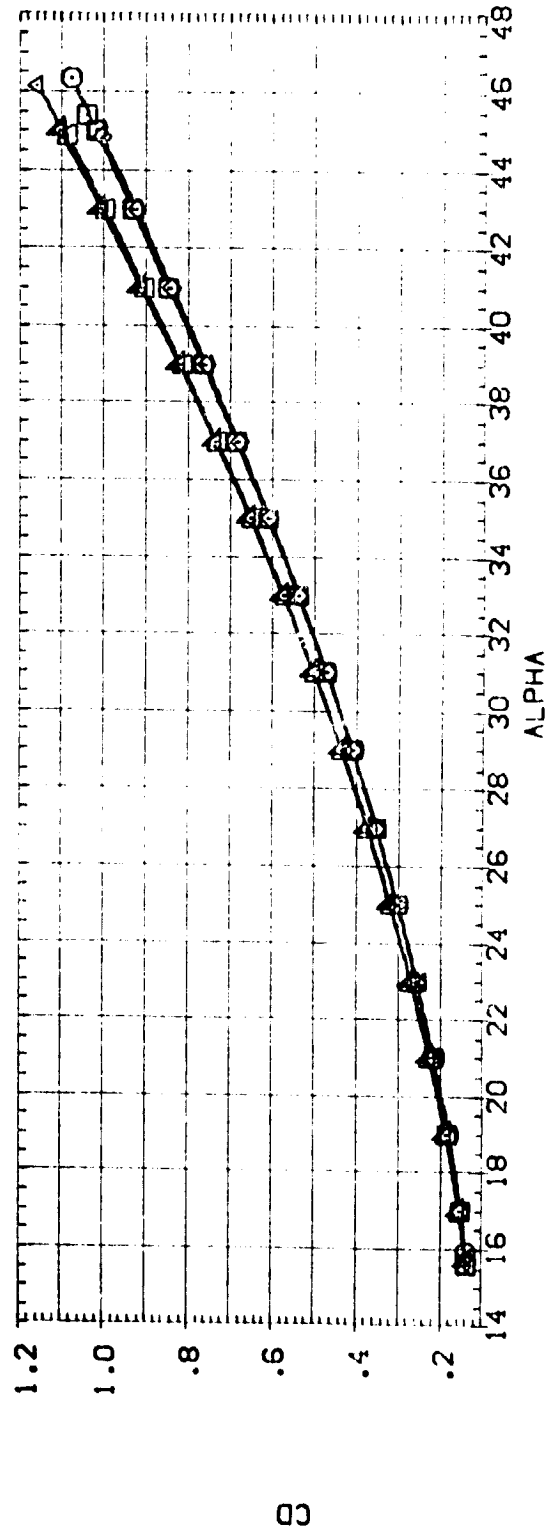
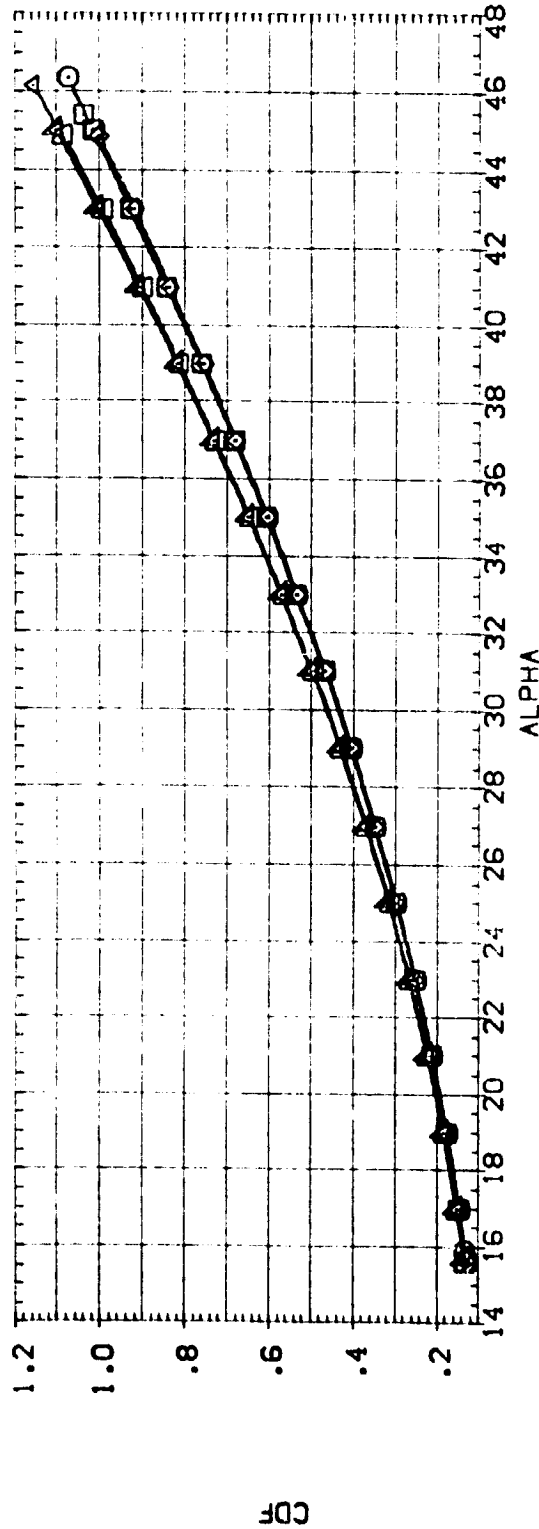


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RVAL	ELEVTR	BOXLAP	SPDBRK	REFERENCE INFORMATION
(BTNA27)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26)(VBR5)	7.600	-40.000	.000	55.000	SREF 87.1560 SQ. IN.
(BTNA28)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26)(VBR5)	3.000	-40.000	.000	55.000	LREF 7.1220 INCHES
(BTNA29)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26)(VBR5)	1.600	-40.000	.000	55.000	BREF 14.0520 INCHES
(BTNA31)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26)(VBR5)	7.600	.000	.000	55.000	XMRP 12.6250 INCHES
(BTNA32)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26)(VBR5)	3.000	.000	.000	55.000	YMRP .0000 INCHES
(BTNA33)	AEDC VA474(JA77/78) (B26C9F7H7) (V116E26)(VBR5)	1.600	.000	.000	55.000	ZMRP -.3750 INCHES
						SCALE .0150

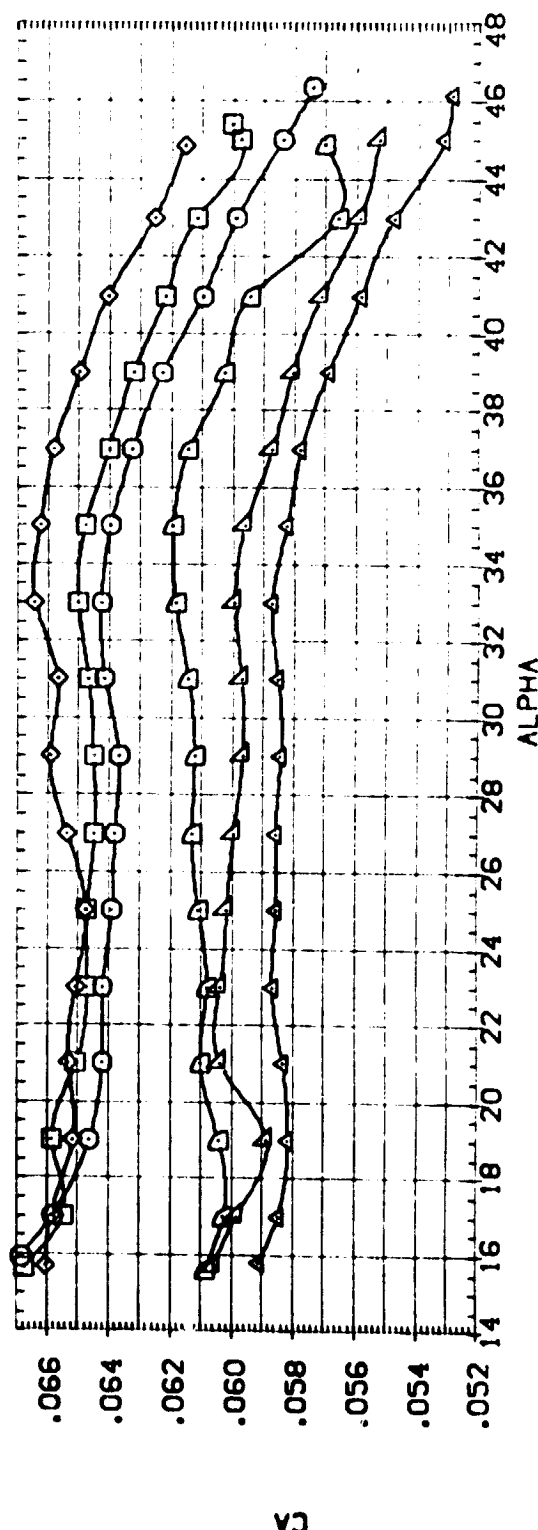
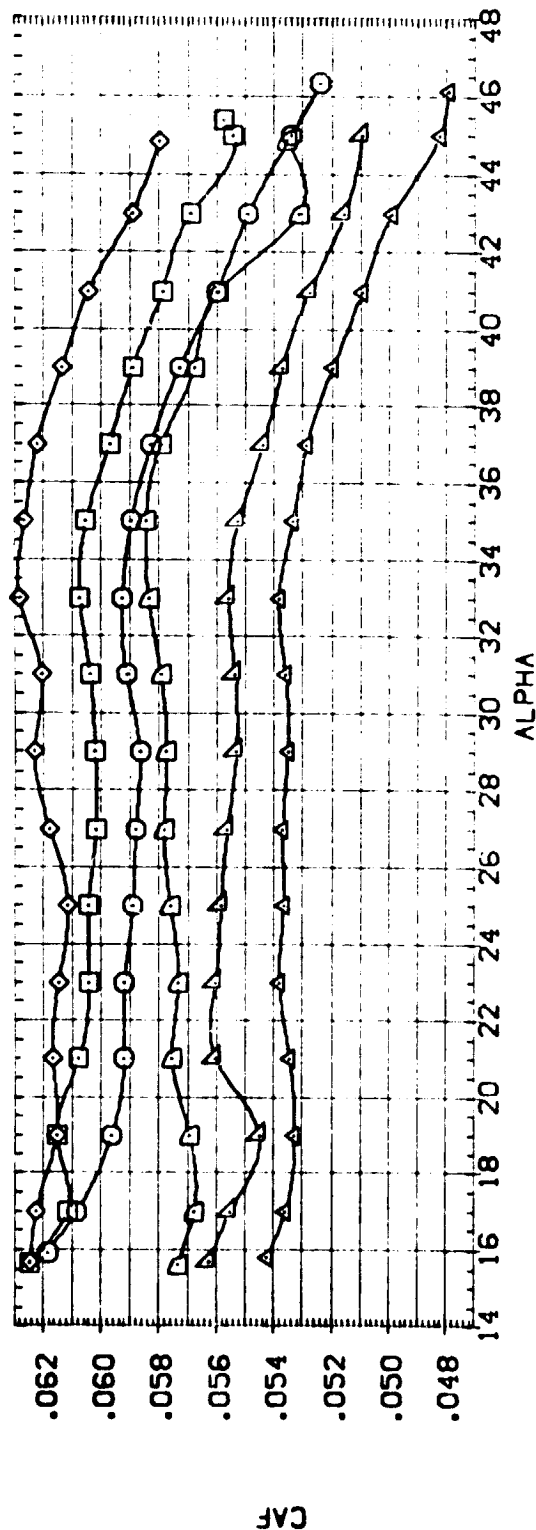


FIG 23 REYNOLDS NUMBER EFFECT. MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(BTNA27)	AEDC VA474(DA77/78) (B26CS-747) (V1 6E26) (VBR5)	7.500	-40.000	.000	55.000	SREF 87.1560 SQ. IN.
(BTNA28)	AEDC VA474(DA77/78) (B26CS-747) (V1 6E26) (VBR5)	3.000	-40.000	.000	55.000	LREF 7.1220 INCHES
(BTNA29)	AEDC VA474(DA77/78) (B26CS-747) (V1 6E26) (VBR5)	1.600	-40.000	.000	55.000	BREF 14.0520 INCHES
(BTNA31)	AEDC VA474(DA77/78) (B26CS-747) (V1 6E26) (VBR5)	7.500	.000	.000	55.000	XMRP 12.6250 INCHES
(BTNA32)	AEDC VA474(DA77/78) (B26CS-747) (V1 6E26) (VBR5)	3.000	.000	.000	55.000	YMRP .0000 INCHES
(BTNA33)	AEDC VA474(DA77/78) (B26CS-747) (V1 6E26) (VBR5)	1.600	.000	.000	55.000	ZMRP -.3750 INCHES
						SCALE .0150

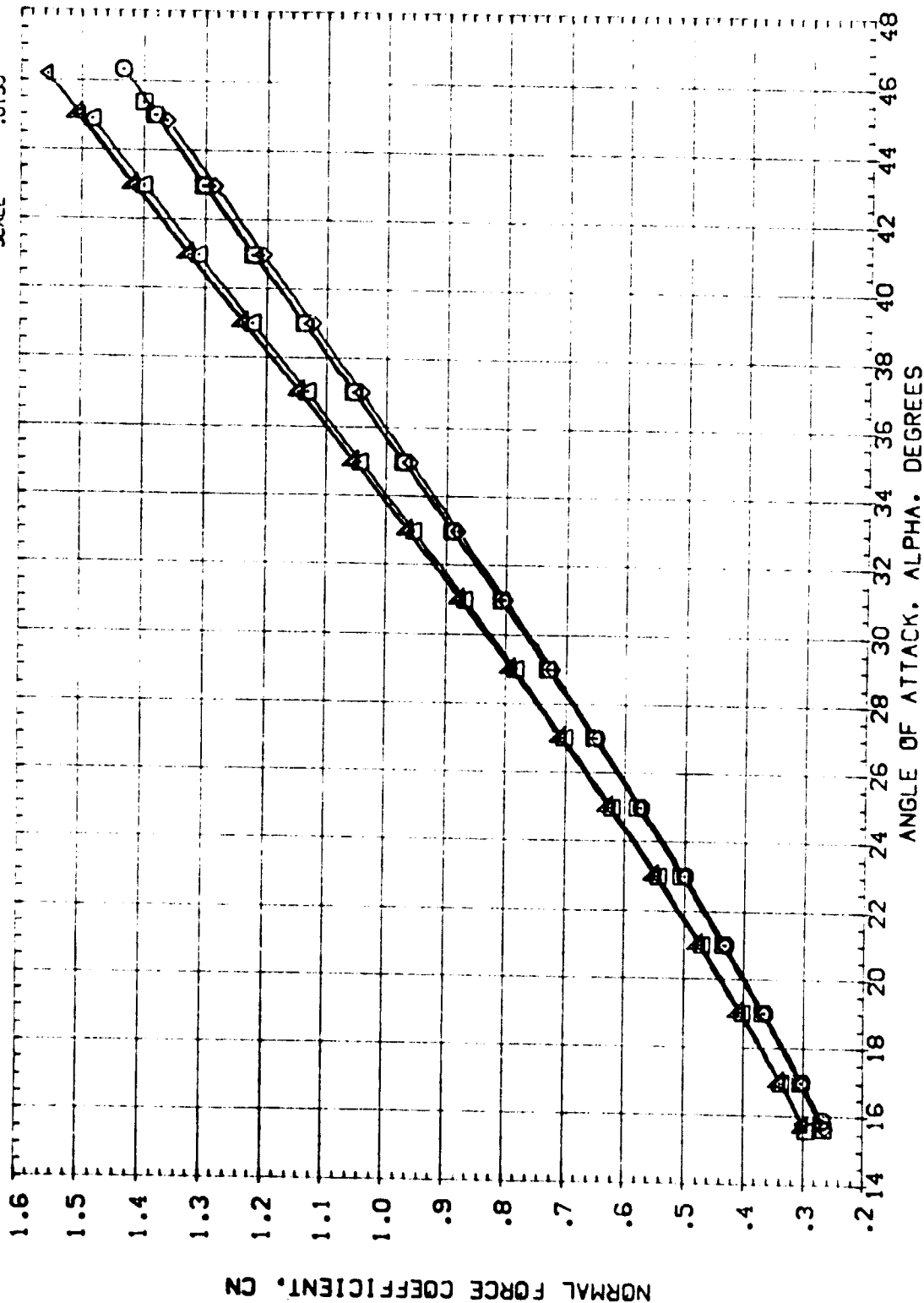


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BDFLAP	SPDRN	REFERENCE INFORMATION
(BINA27)	AEDC VA474(OA77/78) (B26C9-7H7)(V115E26)(V8P5)	7.600	-40.000	.000	55.000	SREF 87.1560 SQ. IN.
(BINA28)	AEDC VA474(OA77/78) (B26C9-7H7)(V115E26)(V8P5)	3.000	-40.000	.000	55.000	LREF 7.1220 INCHES
(BINA29)	AEDC VA474(OA77/78) (B26C9-7H7)(V115E26)(V8P5)	1.600	-40.000	.000	55.000	BREF 14.0520 INCHES
(BINA31)	AEDC VA474(OA77/78) (B26C9-7H7)(V115E26)(V8P5)	7.600	.000	.000	55.000	XMRP 12.6250 INCHES
(BINA32)	AEDC VA474(OA77/78) (B26C9-7H7)(V115E26)(V8P5)	3.000	.000	.000	55.000	YMRP .0000 INCHES
(BINA33)	AEDC VA474(OA77/78) (B26C9-7H7)(V115E26)(V8P5)	1.600	.000	.000	55.000	ZMRP -.3750 INCHES
						SCALE .0150

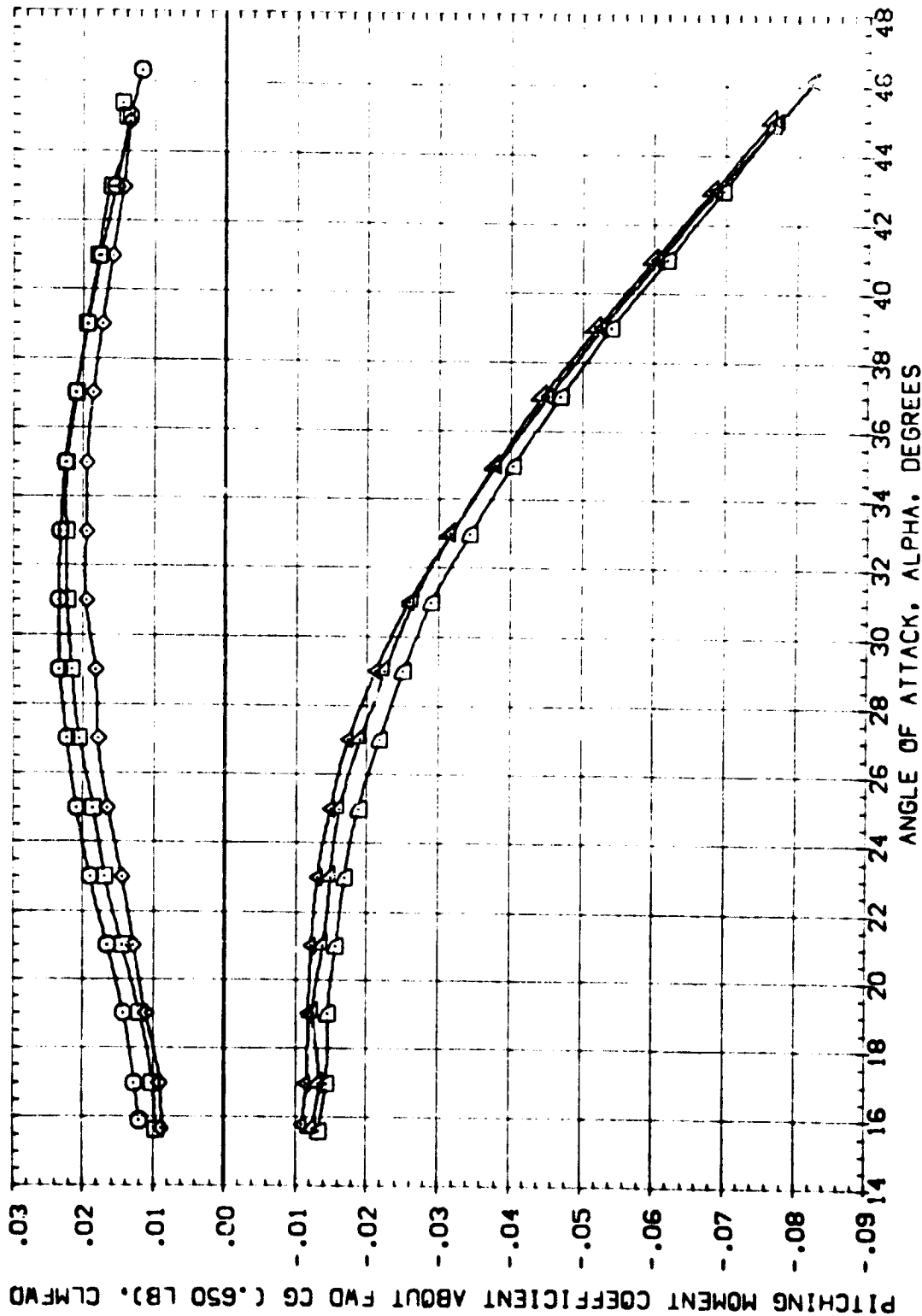


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(BTNA27)	AEDC VA474 (DAT7/78) (B26C9-747) (V1) (E26) (VBR5)	7.500	-40.000	.000	55.000	SREF 87.1550 INCHES
(BTNA28)	AEDC VA474 (DAT7/78) (B26C9-747) (V1) (E26) (VBR5)	3.000	-40.000	.000	55.000	LREF 7.1220 INCHES
(BTNA29)	AEDC VA474 (DAT7/78) (B26C9-747) (V1) (E26) (VBR5)	1.600	-40.000	.000	55.000	BREF 14.0520 INCHES
(BTNA31)	AEDC VA474 (DAT7/78) (B26C9-747) (V1) (E26) (VBR5)	7.500	.000	.000	55.000	XHPP 12.6250 INCHES
(BTNA32)	AEDC VA474 (DAT7/78) (B26C9-747) (V1) (E26) (VBR5)	3.000	.000	.000	55.000	YHPP .0000 INCHES
(BTNA33)	AEDC VA474 (DAT7/78) (B26C9-747) (V1) (E26) (VBR5)	1.600	.000	.000	55.000	ZHPP -.3750 INCHES
					SCALE	.0150

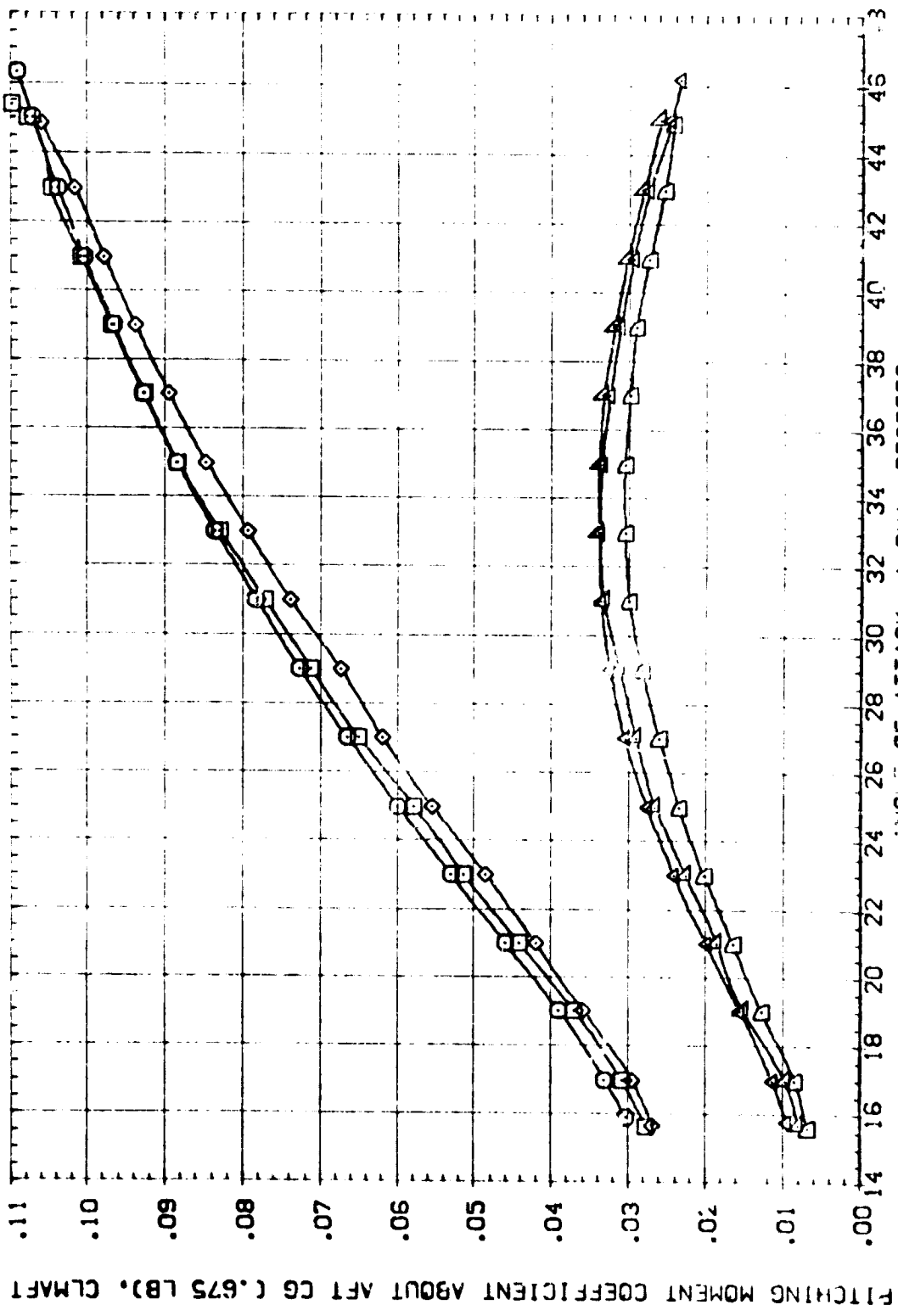


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(BINA27)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	7.600	-40.000	.000	55.000	SREF 87.1560 SO. IN.
(BINA28)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	-40.000	.000	55.000	LREF 87.1220 INCHES
(BINA29)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	1.600	-40.000	.000	55.000	BREF 14.0620 INCHES
(BINA31)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	7.600	.000	.000	55.000	YMRP 12.6250 INCHES
(BINA32)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	.000	.000	55.000	ZMRP .0000 INCHES
(BINA33)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	1.600	.000	.000	55.000	SCALE .0150 INCHES

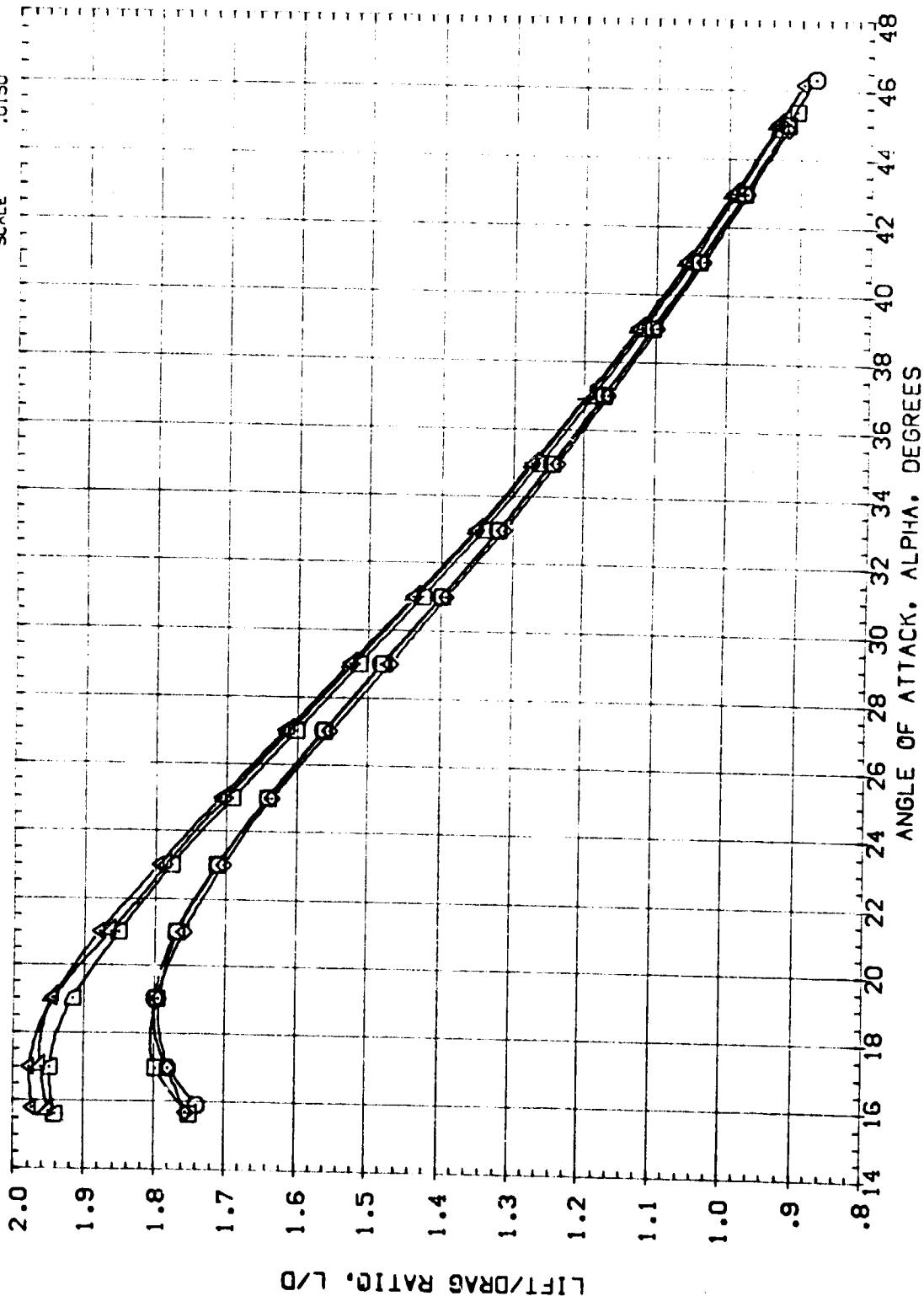


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(BTNA27)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26) (VBRS)	7.600	-40.000	.000	55.000	SREF 87.1560 SQ. IN.
(BTNA28)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26) (VBRS)	3.000	-40.000	.000	55.000	LREF 7.1220 INCHES
(BTNA29)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26) (VBRS)	1.600	-40.000	.000	55.000	BREF 14.0520 INCHES
(BTNA31)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26) (VBRS)	7.600	.000	.000	55.000	XMRP 12.6250 INCHES
(BTNA32)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26) (VBRS)	3.000	.000	.000	55.000	YMRP .0000 INCHES
(BTNA33)	AEDC VA474(OA77/78) (B26C9F7H7) (V116E26) (VBRS)	1.600	.000	.000	55.000	ZMRP -.3750 INCHES
						SCALE .0150

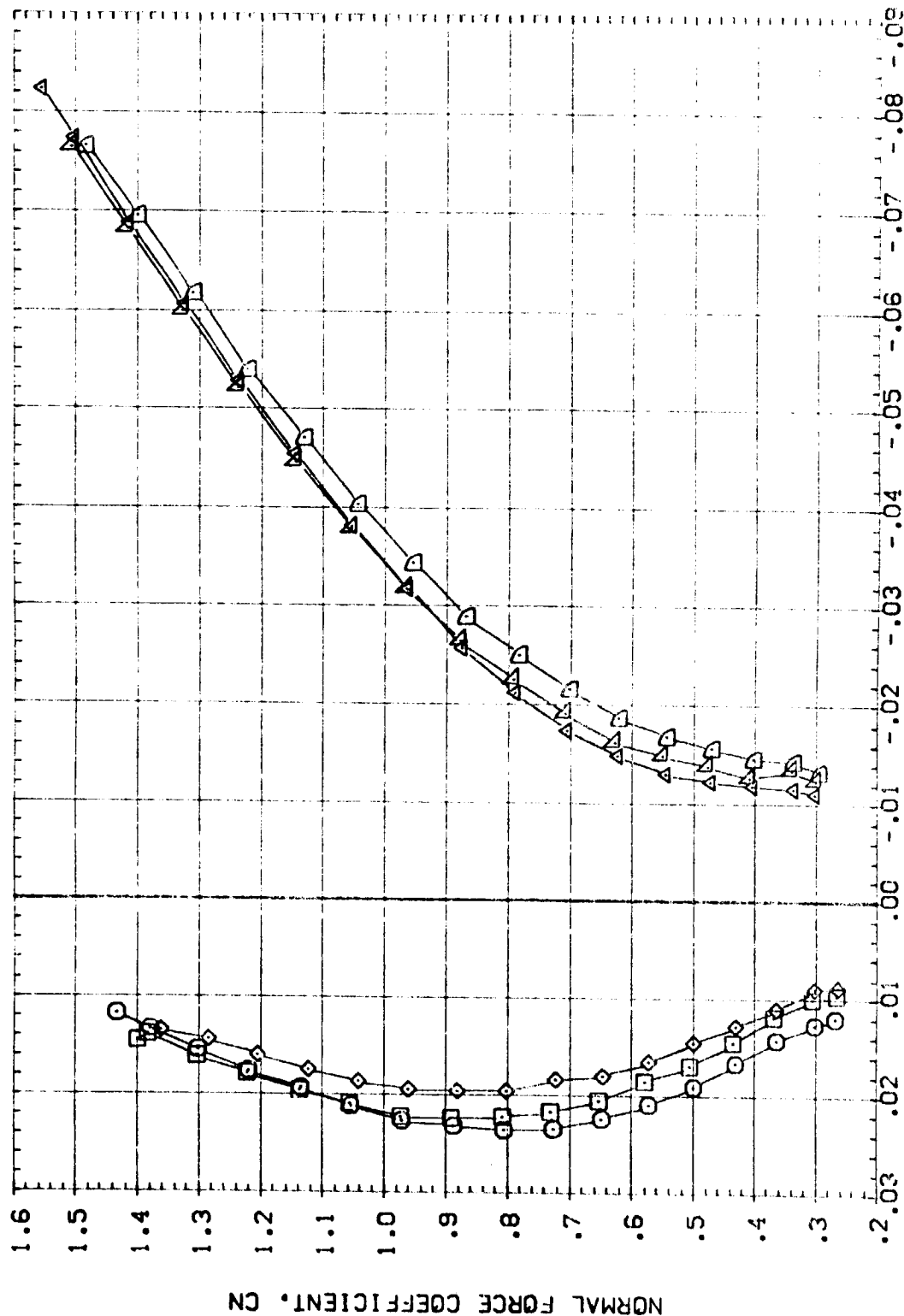


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

WINDMACH = 5.95



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(BTNA27)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	7.600	-40.000	.000	55.000	REF 87.1560 SQ.IN.
(BTNA28)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	3.600	-40.000	.000	55.000	REF 7.1220 INCHES
(BTNA29)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	1.600	-40.000	.000	55.000	REF 14.0570 INCHES
(BTNA31)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	7.600	.000	.000	55.000	XMRP 12.6250 INCHES
(BTNA32)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	3.600	.000	.000	55.000	XMRP .0000 INCHES
(BTNA33)	AEDC VA474(0A77/78) (B26C9F7M7)(V116E26)(V8R5)	1.600	.000	.000	55.000	XMRP -.3750 INCHES
						SCALE .0150

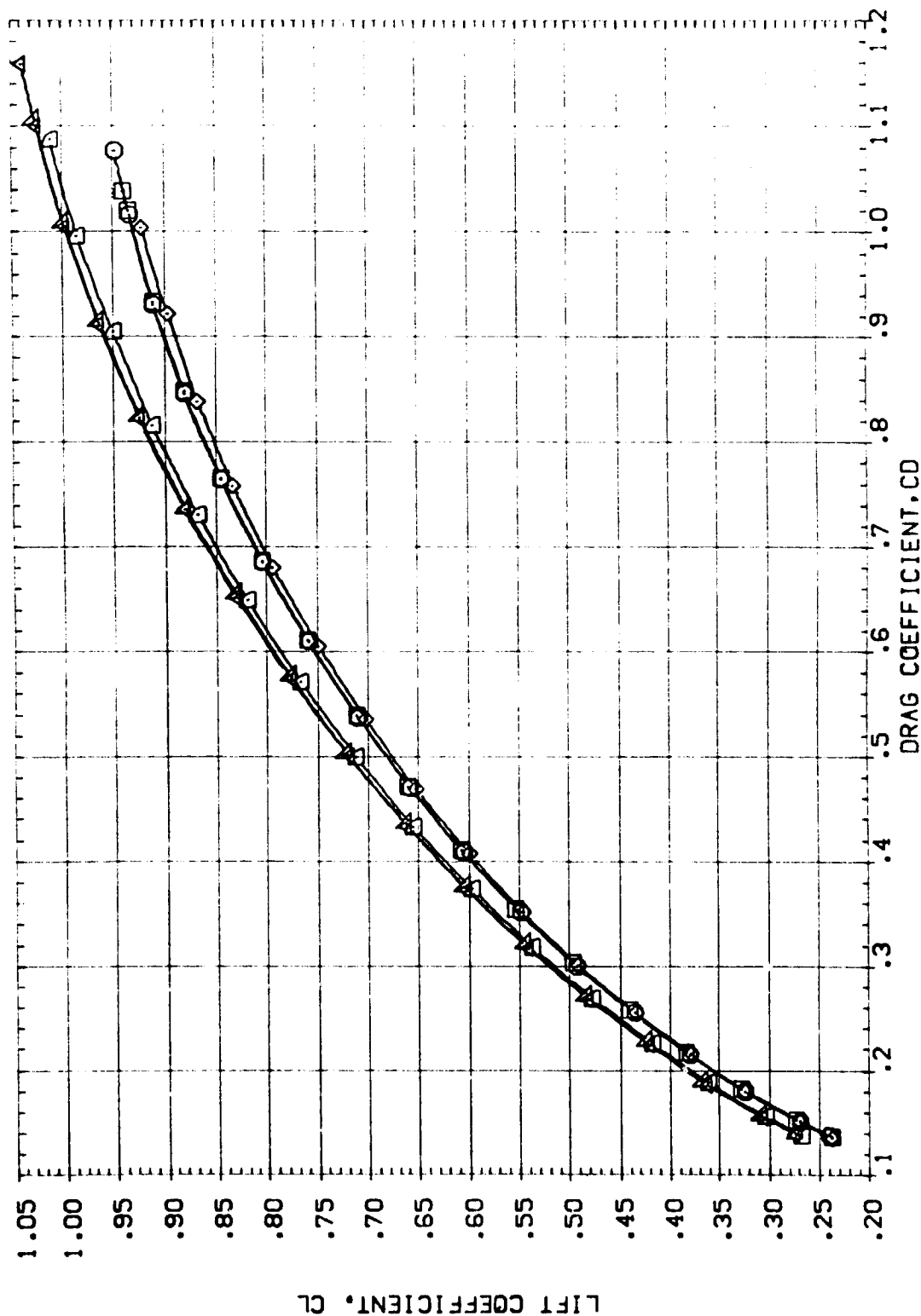


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BO/LAP	SPDRK	REFERENCE INFORMATION	SO, IN.
(BTNA27)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	7.600	-40.000	.000	55.000	SREF	87.1560
(BTNA28)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	3.000	-40.000	.000	55.000	LREF	7.1220
(BTNA29)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	1.600	-40.000	.000	55.000	BREF	14.0520
(BTNA31)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	7.600	.000	.000	55.000	XMRP	12.6250
(BTNA32)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	3.000	.000	.000	55.000	ZMRP	.0000
(BTNA33)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(VBRS)	1.600	.000	.000	55.000	ZMRP	-.3750
						SCALE	.0150

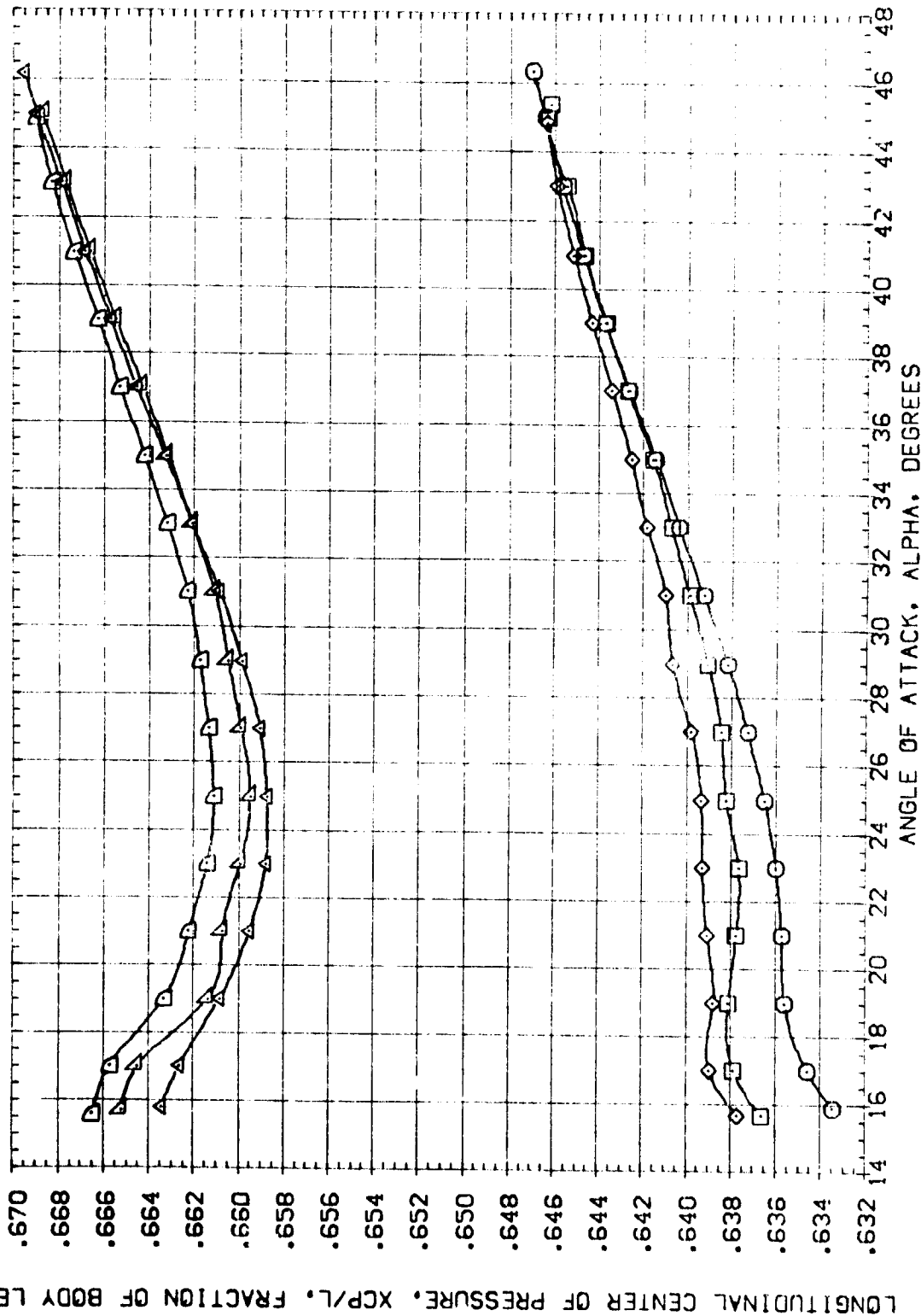


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDFLAP	SPDBRK	REFERENCE INFORMATION	
(BTNA42)	AEDC VA474(BA77/78) (B26CSF7H7)(V116E26)(V8R5)	7.600	10.000	.000	55.000	SREF	87.1560
(BTNA43)	AEDC VA474(BA77/78) (B26CSF7H7)(V116E26)(V8R5)	3.000	10.000	.000	55.000	LREF	7.1223
(BTNA44)	AEDC VA474(BA77/78) (B26CSF7H7)(V116E26)(V8R5)	1.600	10.000	.000	55.000	BREF	14.0520
						XMRP	12.6250
						YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

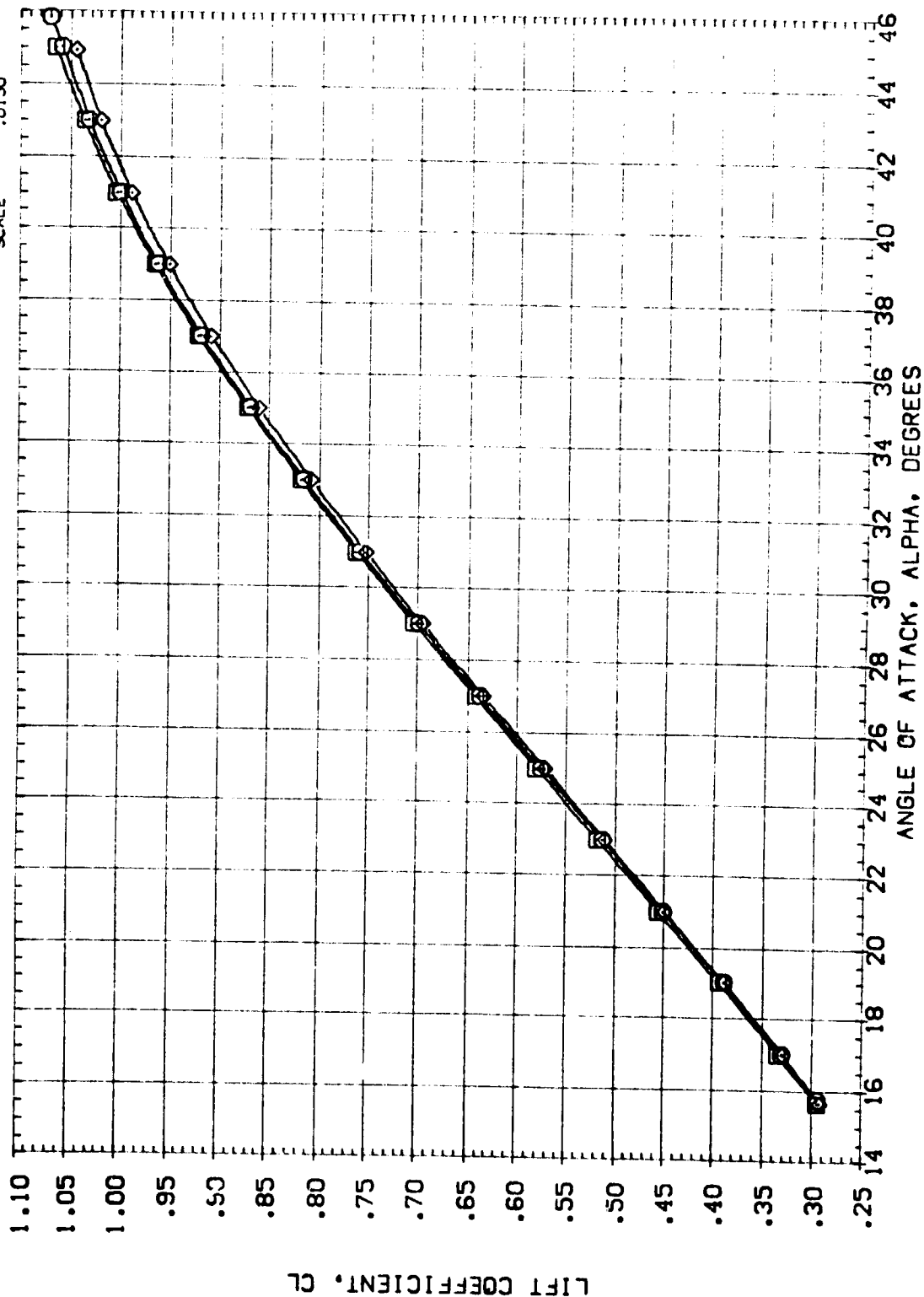


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(BTNA42)	AEDC VA474(OA77/78) (B26C97H7)(V116E26)(V8R5)	7.500	10.000	.000	55.000	SREF 87.1560 50.1 IN.
(BTNA43)	AEDC VA474(OA77/78) (B26C97H7)(V116E26)(V8R5)	3.000	10.000	.000	55.000	LREF 7.1220 INCHES
(BTNA44)	AEDC VA474(OA77/78) (B26C97H7)(V116E26)(V8R5)	1.800	10.000	.000	55.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 .0150

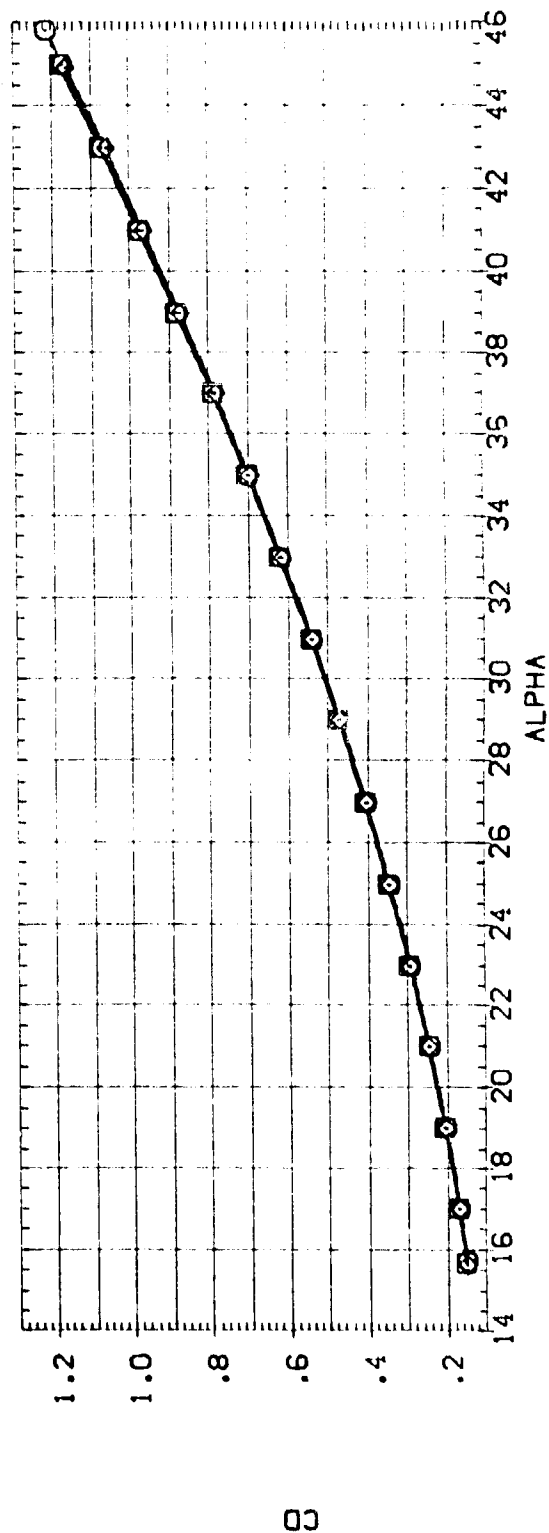
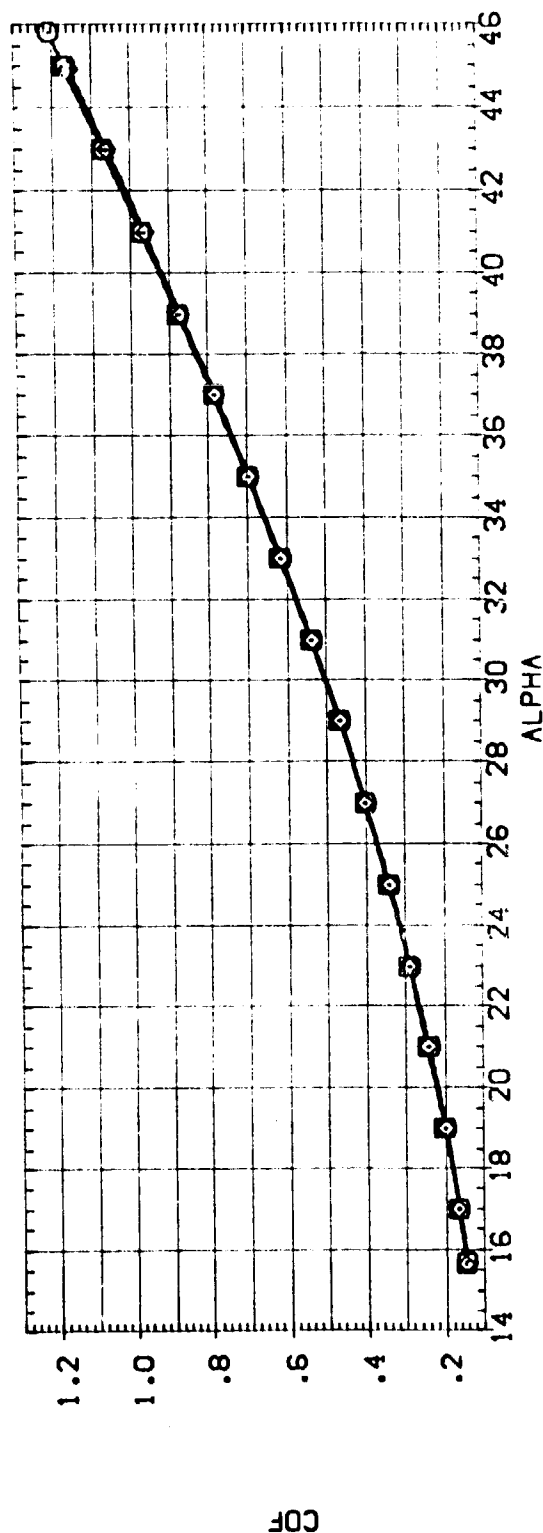


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL: (BTNA42) (BTNA43) (BTNA44)

CONFIGURATION DESCRIPTION:
 AEDC VA474(OA77/78) (B26CSF 747) (V116E26) (V8RS)
 AEDC VA474(OA77/78) (B26CSF 747) (V116E26) (V8RS)
 AEDC VA474(OA77/78) (B26CSF 747) (V116E26) (V8RS)

RV/L: 7.500, 3.000, 1.500

ELEVTR: 10.000, 10.000, 10.000

BOFLAP: .000, .000, .000

SPDRBK: 55.000, 55.000, 55.000

REFERENCE INFORMATION:
 SREF: 87.1560, 50. IN.
 LREF: 7.1220, INCHES
 BREF: 14.0520, INCHES
 XMRP: 12.6250, INCHES
 YMRP: .0000, INCHES
 ZMRP: -.3750, INCHES
 SCALE: .0150

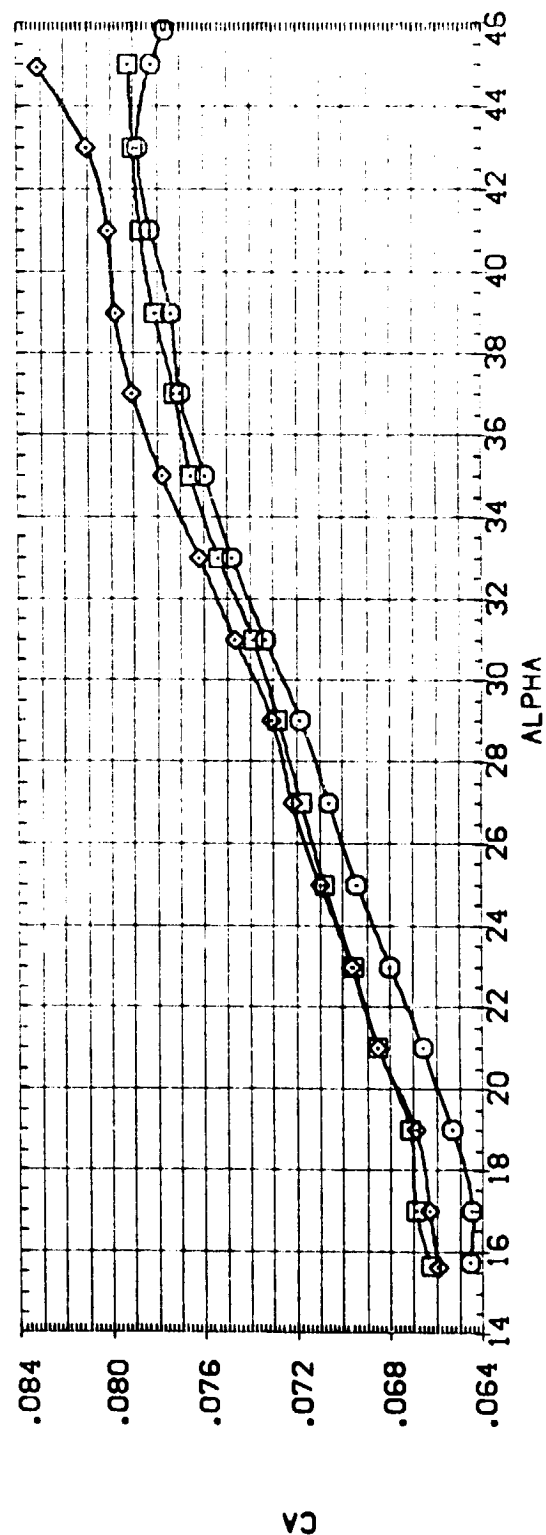
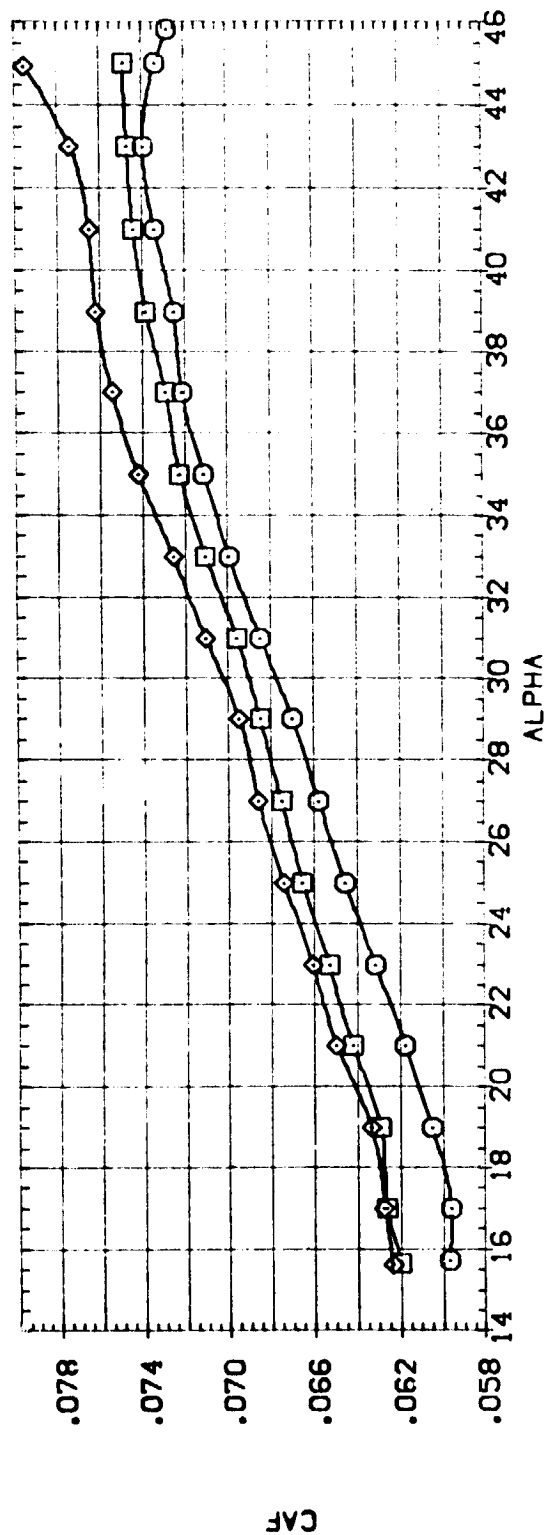


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDFLAP	SPDBRK	REFERENCE INFORMATION
{BTNA12}	AEDC VA474(DA77/78) (B26CSF7H7)(V11BE26)(V8RS)	7.600	10.000	.000	55.000	SREF 87.1560 SQ. IN.
{BTNA13}	AEDC VA474(DA77/78) (B26CSF7H7)(V11BE26)(V8RS)	3.000	10.000	.000	55.000	LREF 7.1220 INCHES
{BTNA14}	AEDC VA474(DA77/78) (B26CSF7H7)(V11BE26)(V8RS)	1.600	10.000	.000	55.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

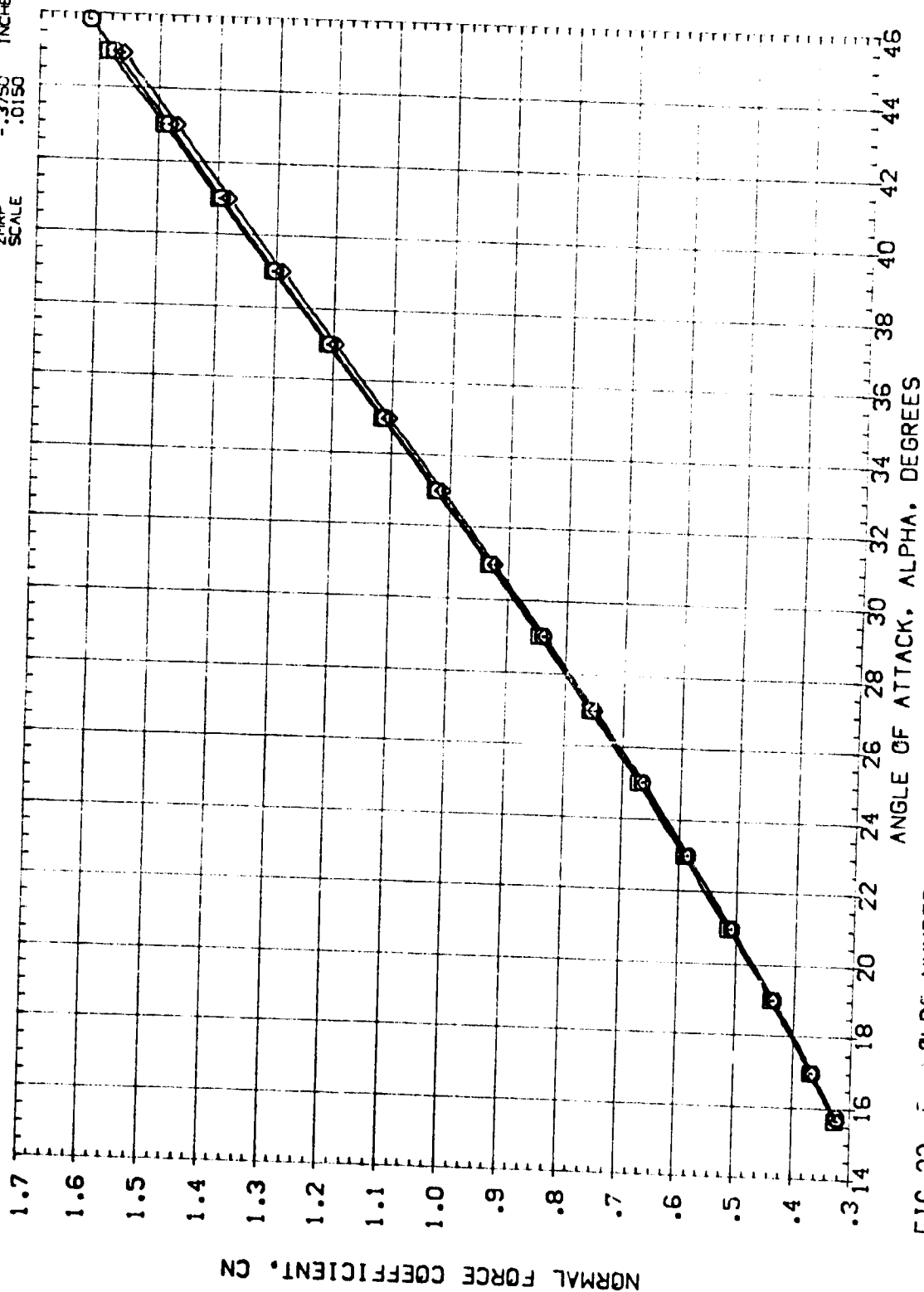


FIG 23 BOLT 300S NUMBER EFFECT, MACH = 6.0

CADMAC - 3.95

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(BITNA42) AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBR5)
 (BITNA43) AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBR5)
 (BITNA44) AEDC VA474(DA77/78) (B26C9F7M7) (V116E26) (VBR5)

FN/L ELEVTR SPOBRK

7.600 10.000 55.000
 3.000 10.000 55.000
 1.600 10.000 55.000

REFERENCE INFORMATION

SREF 87.1560 50. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

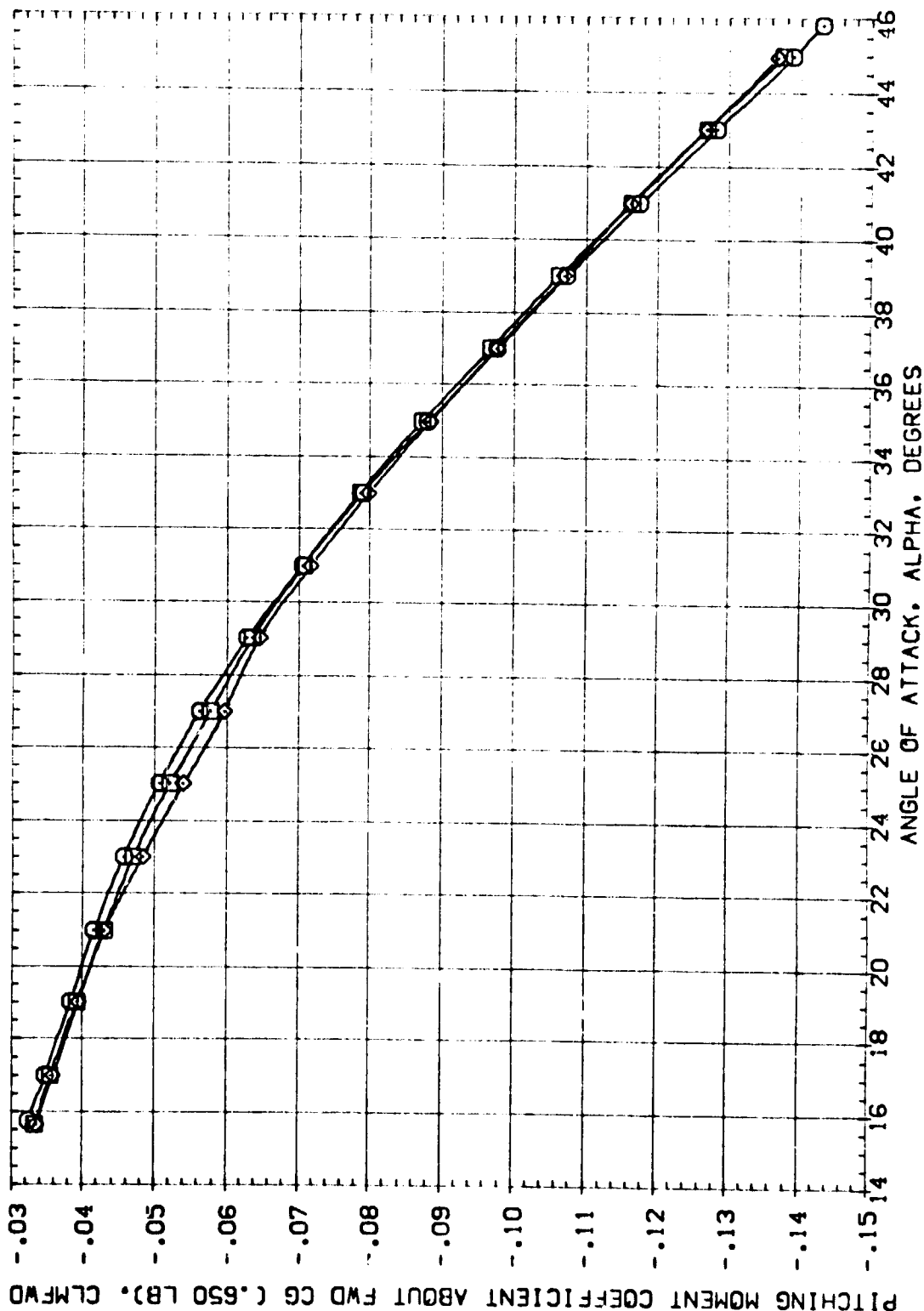


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RV/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(BTNA12)	AEDC VA474(QA77/78) (B26C9F7H7) (V116E26) (VBR5)	7.500	10.000	.000	55.000	SREF 87.1560 50. IN.
(BTNA13)	AEDC VA474(QA77/78) (B26C9F7H7) (V116E26) (VBR5)	3.000	10.000	.000	55.000	LREF 7.1220 INCHES
(BTNA14)	AEDC VA474(QA77/78) (B26C9F7H7) (V116E26) (VBR5)	1.600	10.000	.000	55.000	BREF 14.0520 INCHES
						YMRP 12.6250 INCHES
						ZMRP .0000 INCHES
						SCALE -.3750 INCHES

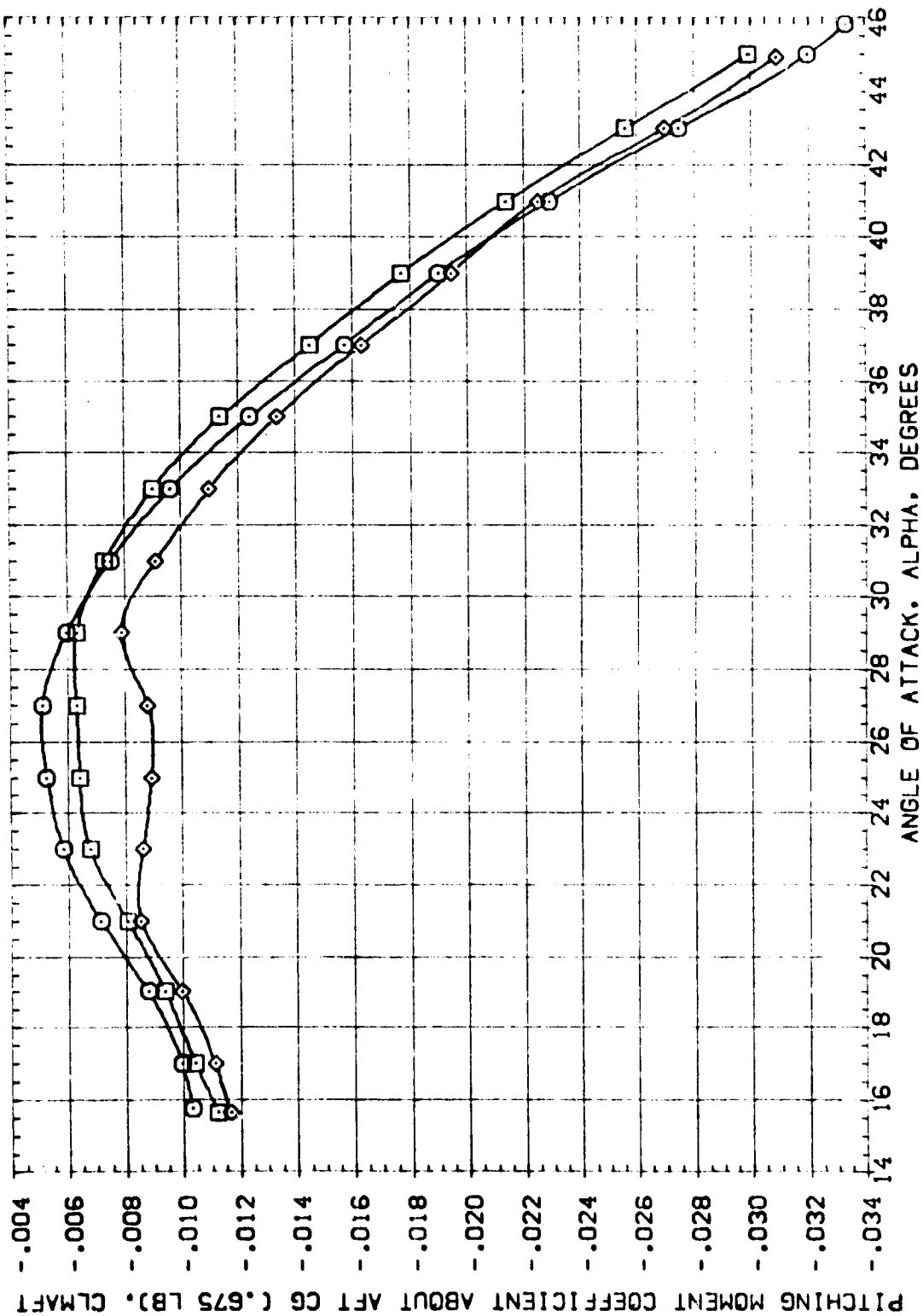


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOLAP	SPOBRK	REFERENCE INFORMATION
(BINA42)	AEDC VA474(CA77/78) (B26C97M7)(V116E26)(V8R5)	7.600	10.000	.000	55.000	SREF 87.1560 SQ. IN.
(BINA43)	AEDC VA474(CA77/78) (B26C97M7)(V116E26)(V8R5)	3.000	10.000	.000	55.000	LREF 7.1270 INCHES
(BINA44)	AEDC VA474(CA77/78) (B26C97M7)(V116E26)(V8R5)	1.600	10.000	.000	55.000	BREF 14.0520 INCHES
						XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

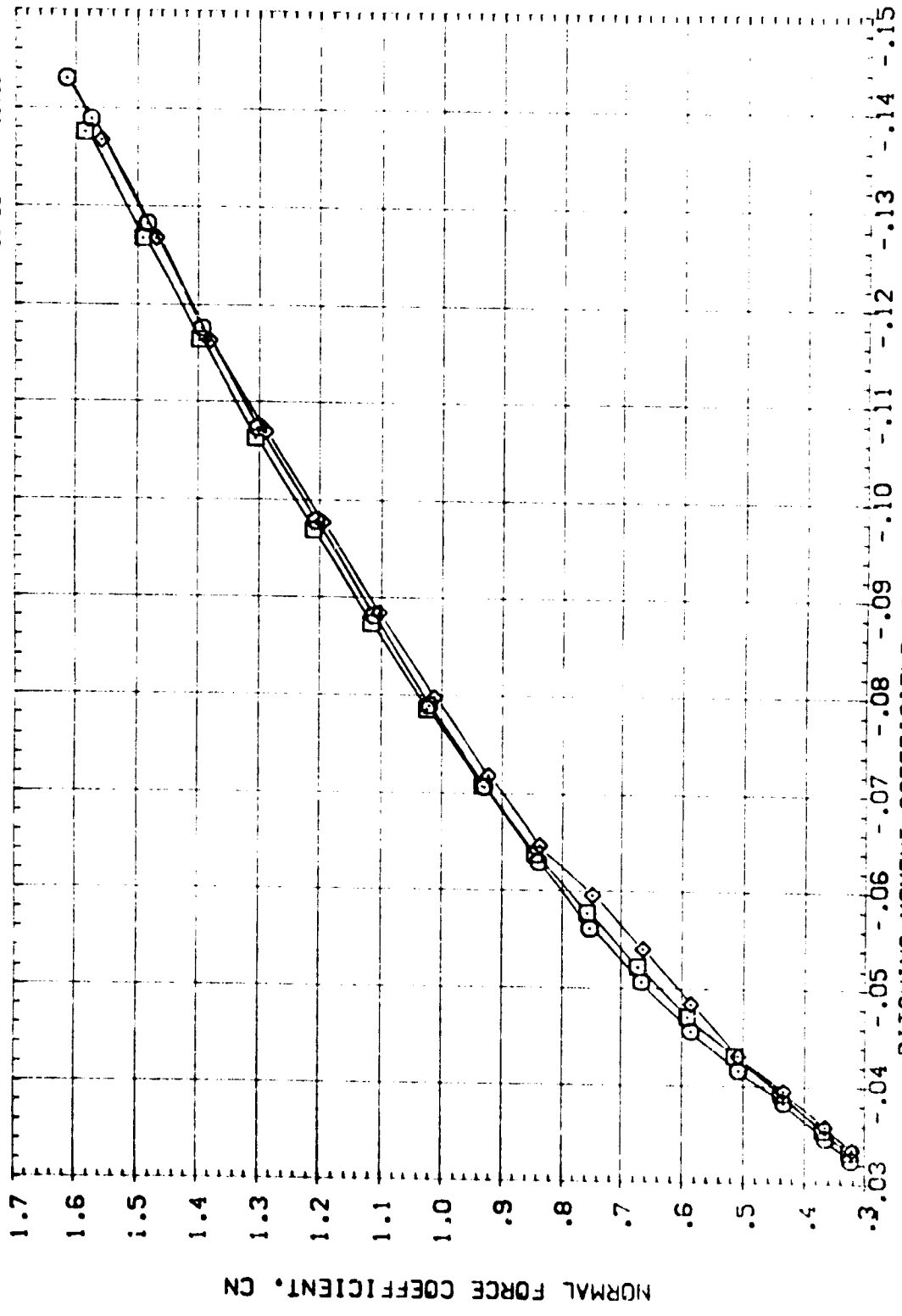


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0
 CLMFW = 5.9%

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDF LAP	SPOBRK	REFERENCE INFORMATION
(BT'NA42)	AEDC VA474(DA77/78)	7,500	10,000	.000	SS.000	87.1560 SQ. IN.
(BT'NA43)	AEDC VA474(DA77/78)	3,000	10,000	.000	SS.000	7.220 INCHES
(BT'NA44)	AEDC VA474(DA77/78)	1,600	10,000	.000	SS.000	14.6520 INCHES
					XMRP	12.16250 INCHES
					YMRP	.0000 INCHES
					ZMRP	-.3750 INCHES
					SCALE	.0150

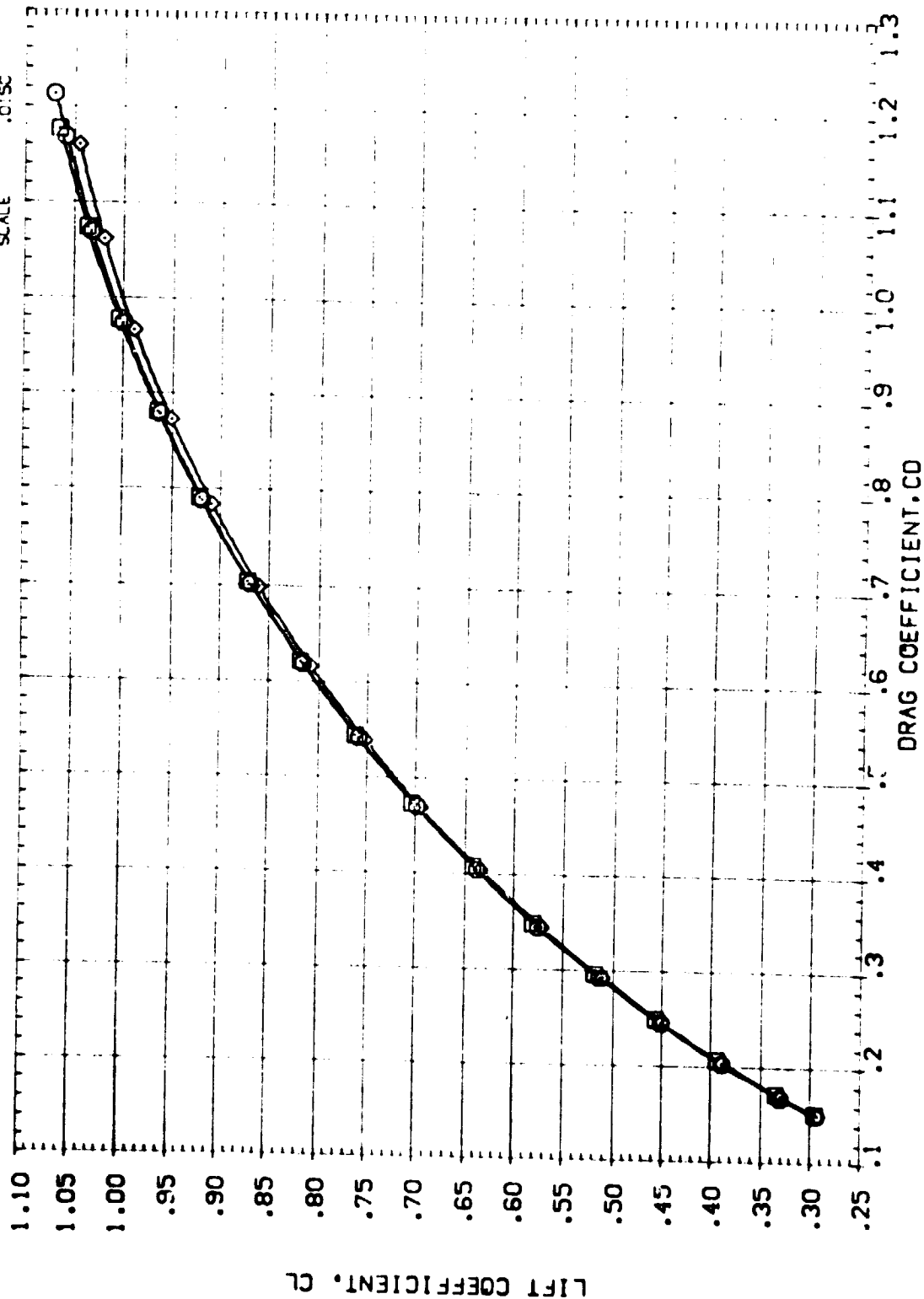


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

$$(A)_{\text{ACH}} = 5.95$$

DATA SET SYMBOL CONFIGURATION DESCRIPTION RV/L ELEVTR BDF/LAP SPDRBK REFERENCE INFORMATION

(BTNA12)	AEDC VA474 (DA77/78) (B2SC9F7H7) (J116E26) (V8RS)	7.600	10.000	.000	55.000	SREF 87.1560 50.1N
(BTNA13)	AEDC VA474 (DA77/78) (B2SC9F7H7) (J116E26) (V8RS)	3.000	10.000	.000	55.000	LREF 7.1220 1NCHES
(BTNA14)	AEDC VA474 (DA77/78) (B2SC9F7H7) (J116E26) (V8RS)	1.600	10.000	.000	55.000	BREF 4.0520 1NCHES
						XMRP 12.6250 1NCHES
						ZMRP .0070 1NCHES
						ZMRP -.0710 1NCHES
						SCALE .0150

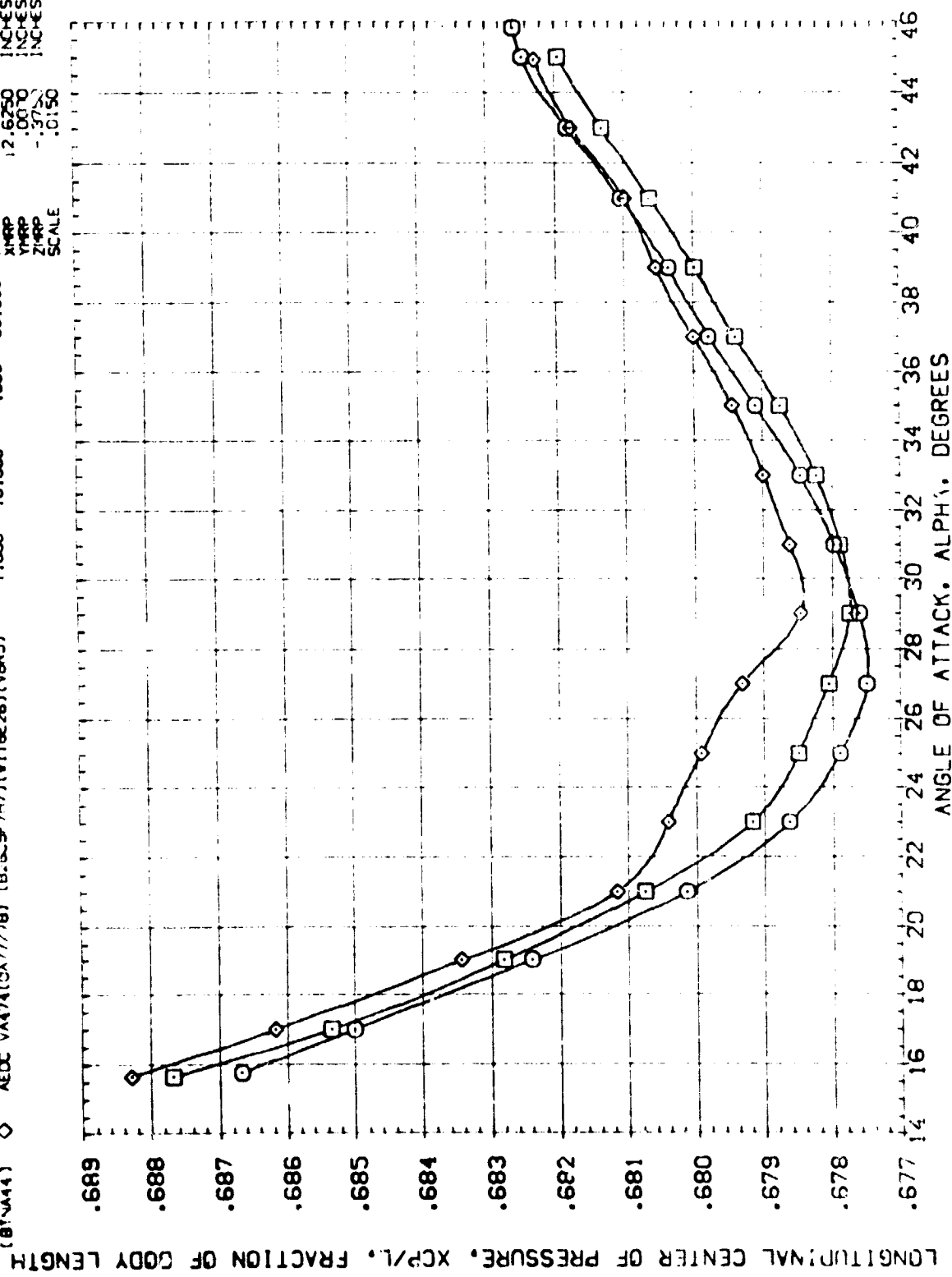


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BNFLAP	SPOBRK	REFERENCE INFORMATION	SD, IN
(BTNA47)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	7.600	.000	16.300	55.000	SREF	87.1560
(BTNA48)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	.000	16.300	55.000	LREF	7.1220
(BTNA49)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	1.600	.000	16.300	55.000	PRREF	14.0520
(BTNA57)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	1.600	10.000	16.300	55.000	XMRP	12.6250
(BTNA58)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	10.000	16.300	55.000	YMRP	.0000
(BTNA59)	AEDC VA474(0A77/78) (B26C9F7M7) (V116E26) (VBRS)	1.600	10.000	16.300	55.000	ZMRP	-.3750
						SCALE	.0150

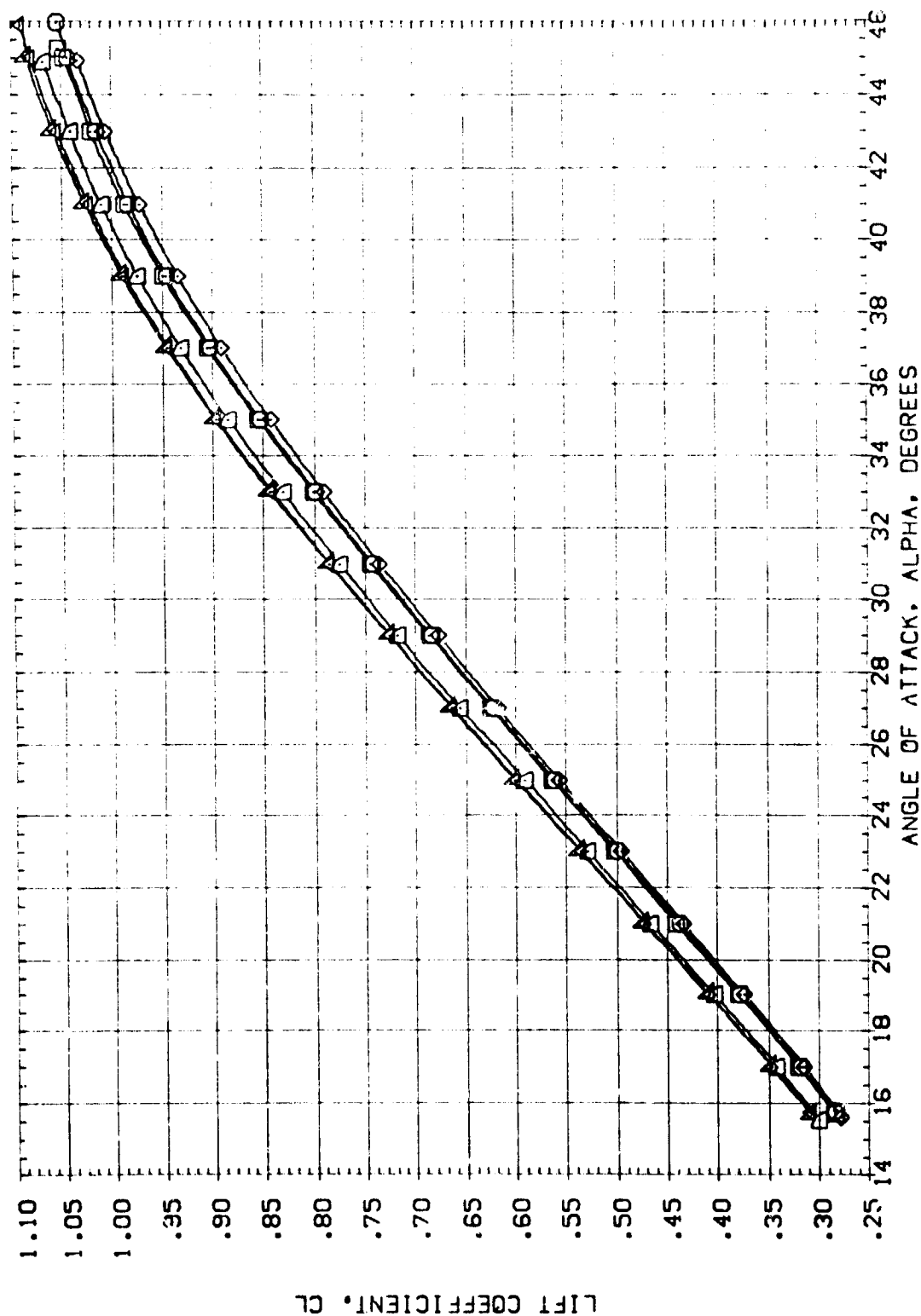


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMB.	CONFIGURATION DESCRIPTION	RV/L	ELEVTR	BD/LAP	SPOBRK	REFERENCE INFORMATION
(9)NA47)	AEDC VA474(OA77/78) (B26C9-747) (V) (B26) (VBR5)	7.500	.000	6.300	55.000	SREF 87.1560 50.1N.5
(9)NA48)	AEDC VA474(OA77/78) (B26C9-747) (V) (B26) (VBR5)	3.000	.000	6.300	55.000	LREF 7.1220 50.1N.5
(9)NA49)	AEDC VA474(OA77/78) (B26C9-747) (V) (B26) (VBR5)	1.500	.000	6.300	55.000	BREF 14.0520 50.1N.5
(9)NA50)	AEDC VA474(OA77/78) (B26C9-747) (V) (B26) (VBR5)	1.500	10.000	6.300	55.000	XREF 2.6250 50.1N.5
(9)NA51)	AEDC VA474(OA77/78) (B26C9-747) (V) (B26) (VBR5)	3.000	10.000	6.300	55.000	YREF 1.0000 50.1N.5
(9)NA52)	AEDC VA474(OA77/78) (B26C9-747) (V) (B26) (VBR5)	1.500	10.000	6.300	55.000	ZREF 1.0000 50.1N.5
(9)NA53)	AEDC VA474(OA77/78) (B26C9-747) (V) (B26) (VBR5)	1.500	10.000	6.300	55.000	SCALE 1.0000 50.1N.5

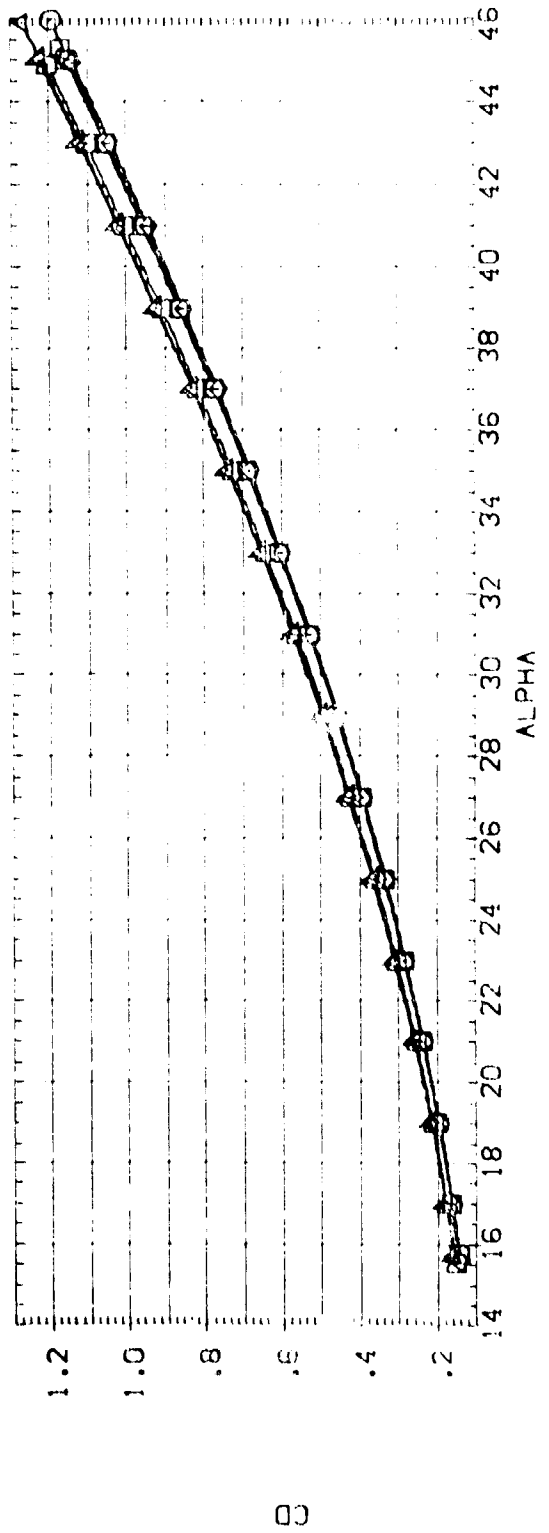
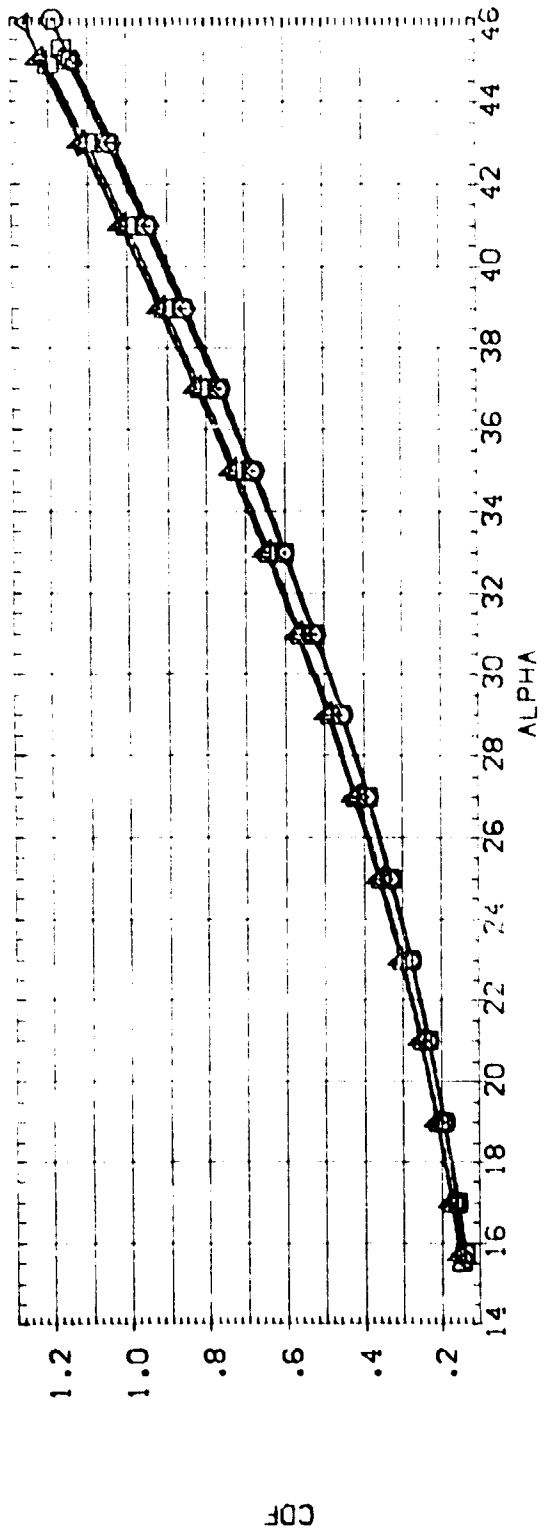


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RV/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(BTNA17)	AEDC VA474(OA77/78) (B26C9-747)(V) (BE26)(V885)	7.600	.000	16.300	55.000	SREF 87.1560 SQ. IN.
(BTNA18)	AEDC VA474(OA77/78) (B26C9-747)(V) (BE26)(V885)	3.000	.000	16.300	55.000	LREF 7.1220 NCLES
(BTNA19)	AEDC VA474(OA77/78) (B26C9-747)(V) (BE26)(V885)	1.600	.000	16.300	55.000	BREF 14.0520 NCLES
(BTNA57)	AEDC VA474(OA77/78) (B26C9-747)(V) (BE26)(V885)	7.600	10.000	16.300	55.000	XMRP 11.9230 NCLES
(BTNA58)	AEDC VA474(OA77/78) (B26C9-747)(V) (BE26)(V885)	3.000	10.000	16.300	55.000	YMRP .0000 NCLES
(BTNA59)	AEDC VA474(OA77/78) (B26C9-747)(V) (BE26)(V885)	1.600	10.000	16.300	55.000	ZMRP .3750 NCLES
						SCALE .0150

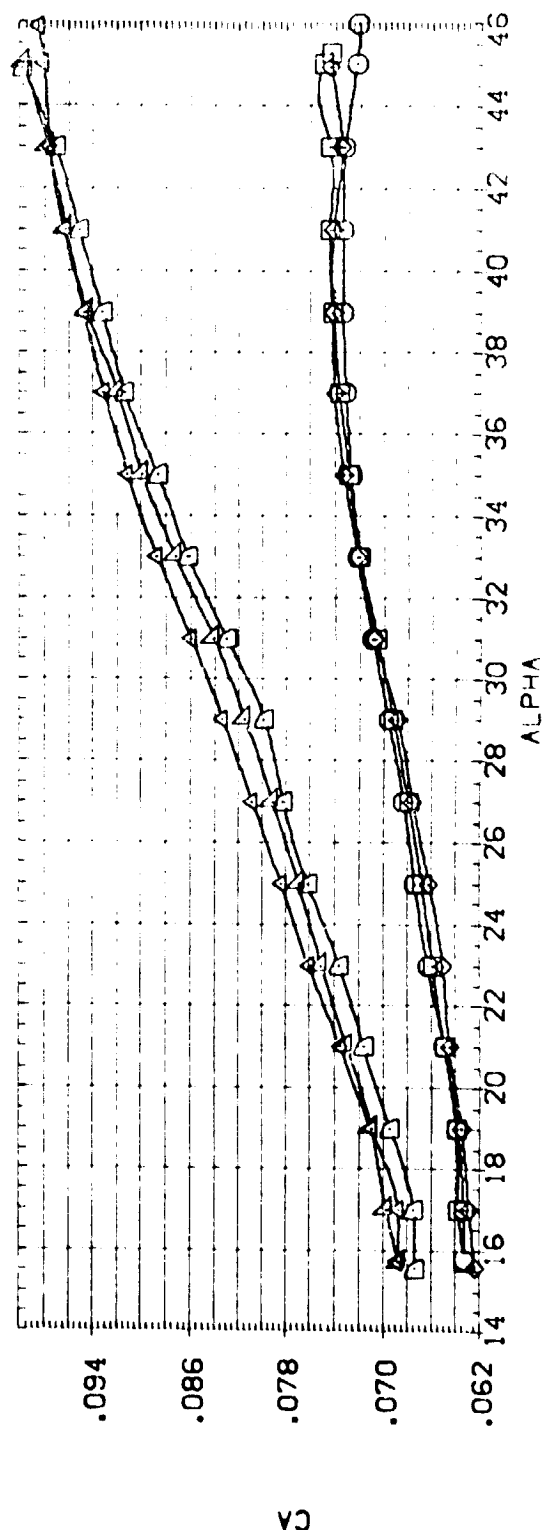
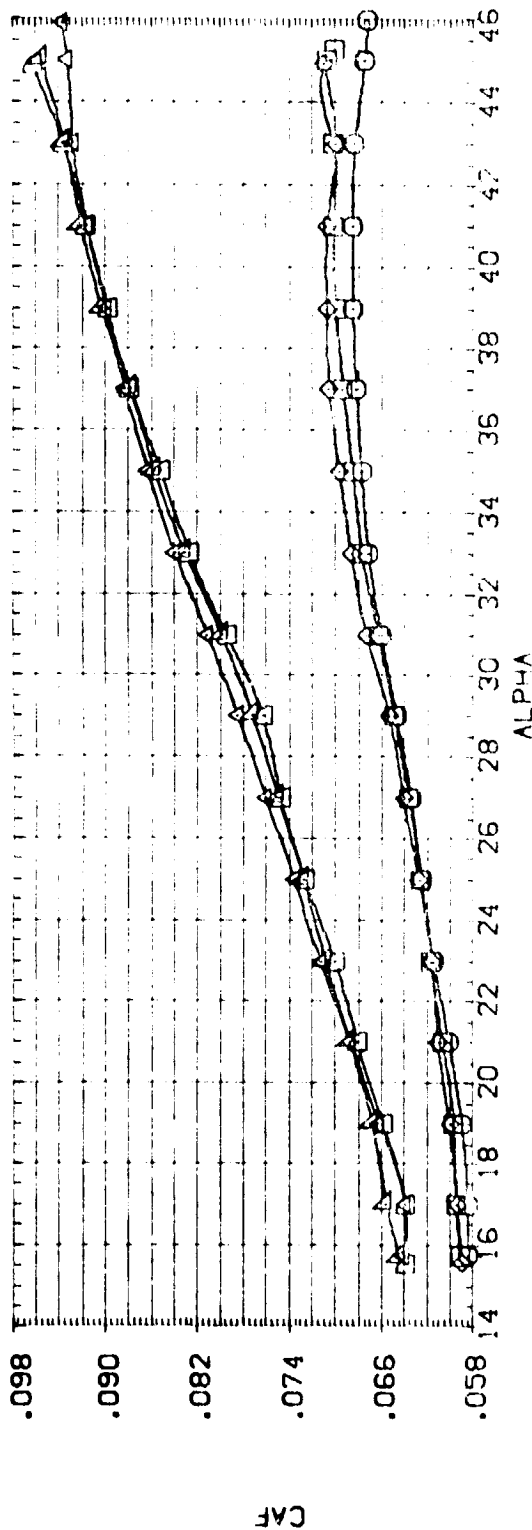


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RV/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION	SO, IN.
[BTNA47]	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	7.600	.000	16.300	55.000	SREF	87.1560
[BTNA48]	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	3.000	.000	16.300	55.000	LREF	7.1220
[BTNA49]	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	1.600	.000	16.300	55.000	BREF	14.0520
[BTNA57]	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	7.600	0.000	16.300	55.000	XMRP	12.5250
[BTNA58]	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	3.000	0.000	16.300	55.000	YMRP	.0000
[BTNA59]	AEDC VA474(OA77/78) (B26C9-7M7) (V116E26) (VBRS)	1.600	0.000	16.300	55.000	ZMRP	-.3750
						SCALE	.0150

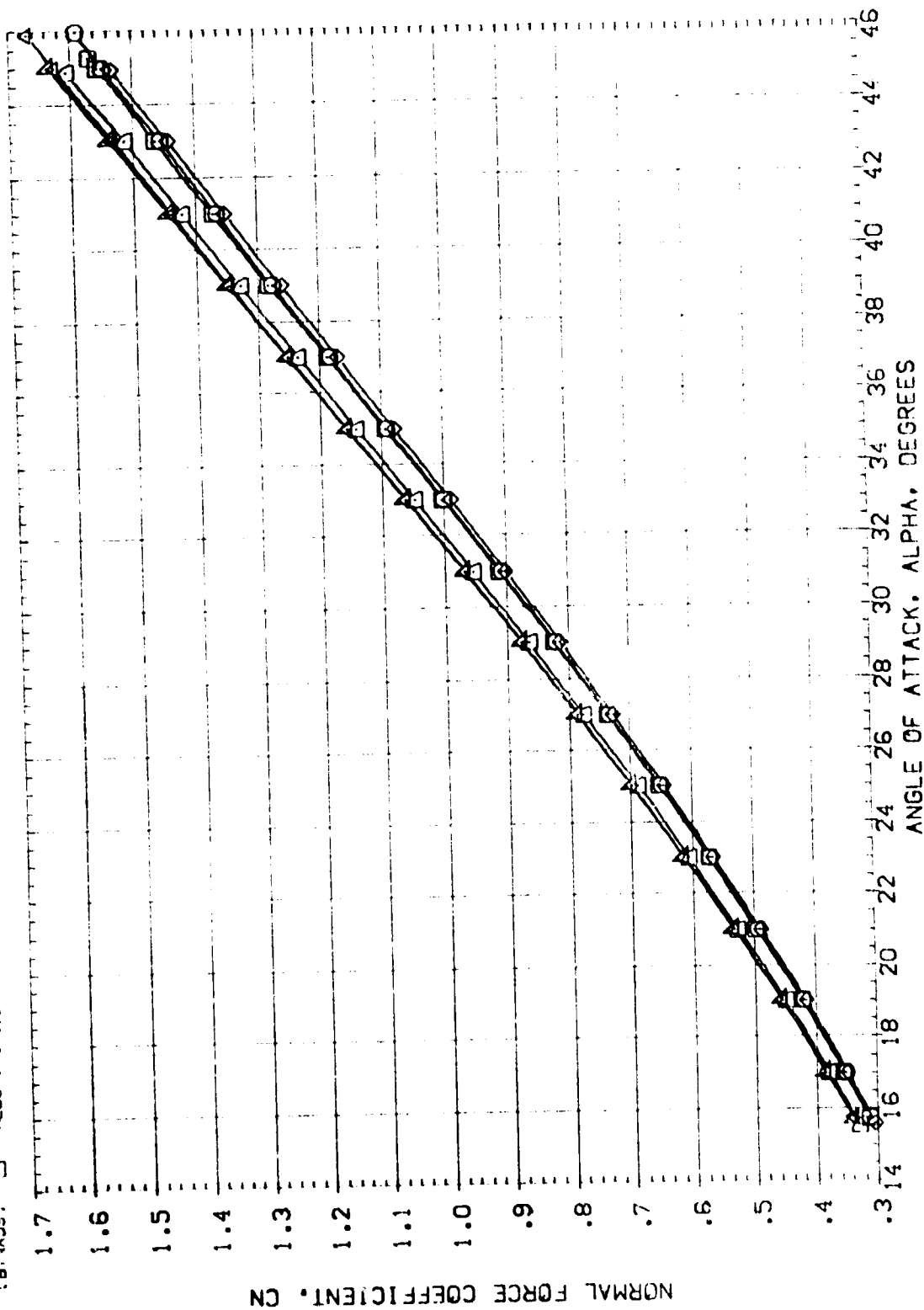


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBO.	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION	SO. IN.
(BTNA47)	AEDC VA474(DA77/78) (B26C9-7H7) (V116E26)(V8R5)	7.500	.000	16.300	55.000	CRF	87.1560
(BTNA49)	AEDC VA474(DA77/78) (B26C9-7H7) (V116E26)(V8R5)	3.000	.000	16.300	55.000	LRP	7.1220
(BTNA57)	AEDC VA474(DA77/78) (B26C9-7H7) (V116E26)(V8R5)	7.500	.000	16.300	55.000	SRP	14.0520
(BTNA58)	AEDC VA474(DA77/78) (B26C9-7H7) (V116E26)(V8R5)	3.000	10.000	16.300	55.000	YMRP	12.6250
(BTNA55)	AEDC VA474(DA77/78) (B26C9-7H7) (V116E26)(V8R5)	1.600	10.000	16.300	55.000	ZMRP	.0000
						SCALE	-0.3750

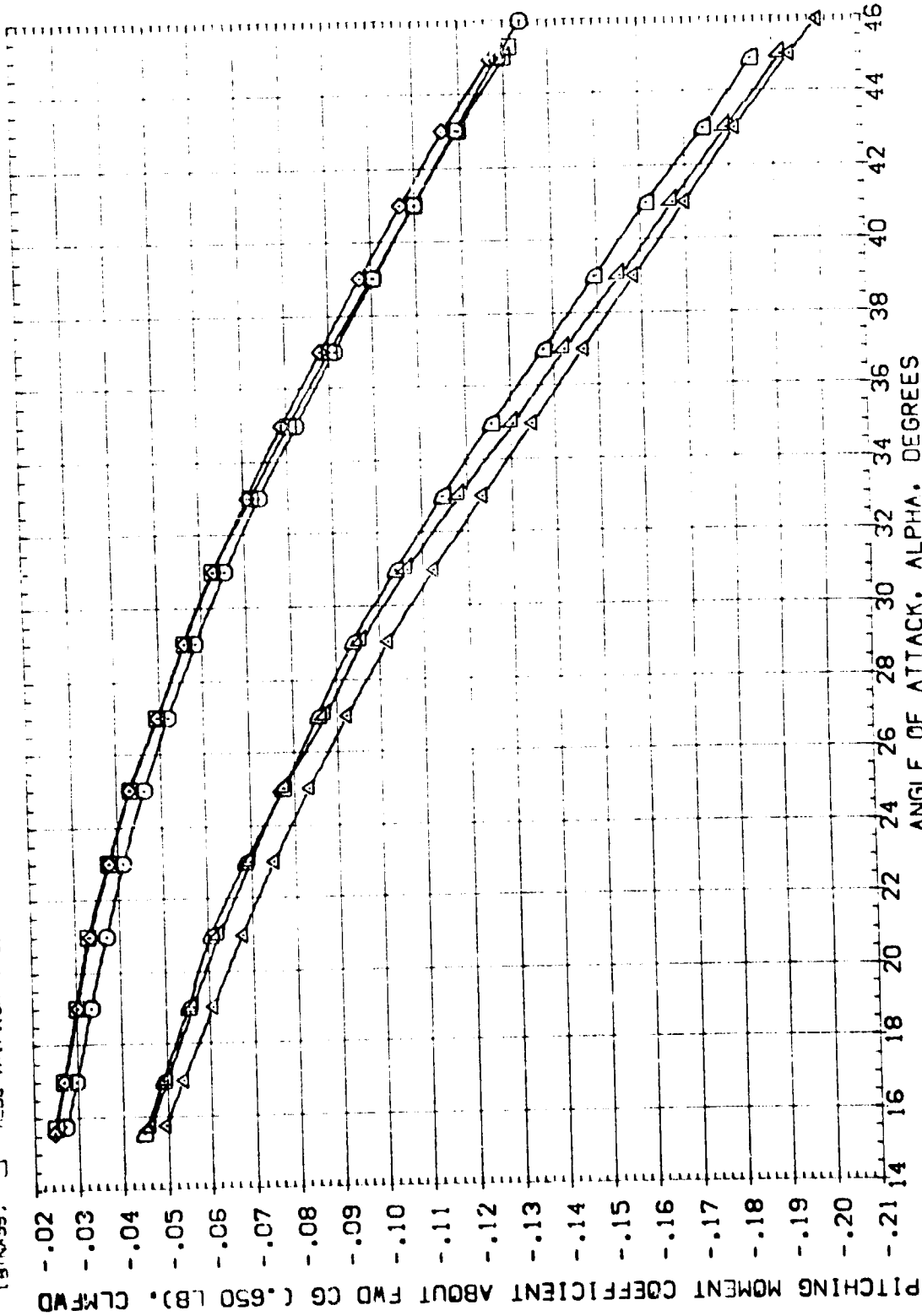
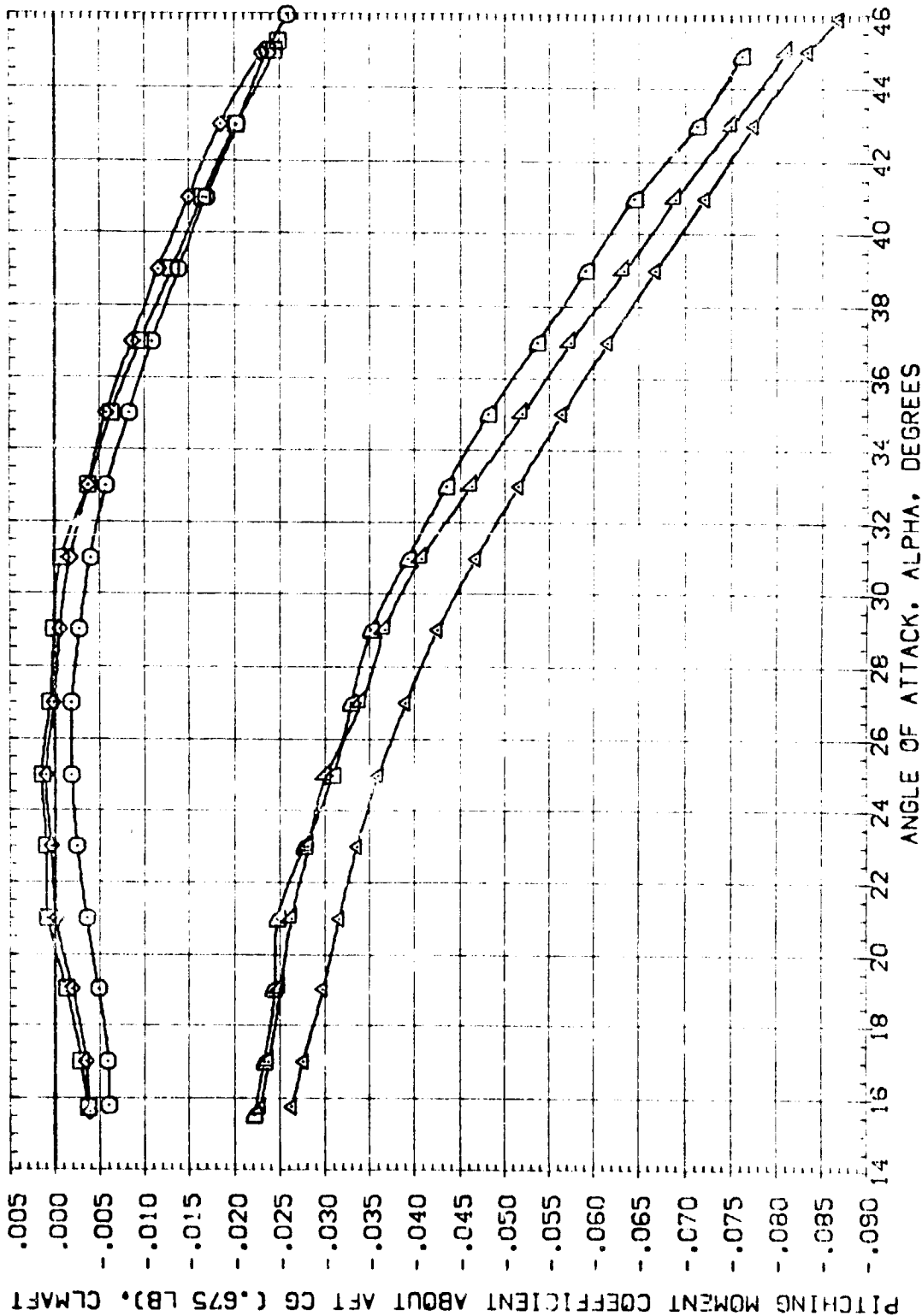


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDF LAP	SPDRBK	REFERENCE INFORMATION	SO IN.
(BTNA47)	AEDC VA474 (DA77/78) (B26C9-747) (V116E26) (V8R5)	7.600	.000	16.300	55.000	SREF	87.1560
(BTNA48)	AEDC VA474 (DA77/78) (B26C9-747) (V116E26) (V8R5)	3.000	.000	16.300	55.000	LREF	7.1220
(BTNA49)	AEDC VA474 (DA77/78) (B26C9-747) (V116E26) (V8R5)	1.600	.000	16.300	55.000	BREF	14.0520
(BTNA50)	AEDC VA474 (DA77/78) (B26C9-747) (V116E26) (V8R5)	7.600	10.000	16.300	55.000	XMPP	12.6250
(BTNA51)	AEDC VA474 (DA77/78) (B26C9-747) (V116E26) (V8R5)	3.000	10.000	16.300	55.000	YMPP	.0000
(BTNA52)	AEDC VA474 (DA77/78) (B26C9-747) (V116E26) (V8R5)	1.600	10.000	16.300	55.000	ZMPP	-.3750
						SCALE	.0150



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(BTNA47)	□	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	7.600	.000	16.300	55.000	SREF 87.1560 SQ.IN.
(BTNA48)	□	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	3.000	.000	16.300	55.000	LREF 7.1220 INCHES
(BTNA49)	□	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	1.600	.000	16.300	55.000	BREF 14.0520 INCHES
(BTNA57)	△	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	7.600	10.000	16.300	55.000	YMRP 12.6250 INCHES
(BTNA58)	△	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	3.000	10.000	16.300	55.000	ZMRP .0000 INCHES
(BTNA59)	△	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26)(VBR5)	1.600	10.000	16.300	55.000	ZMRP .0150 INCHES

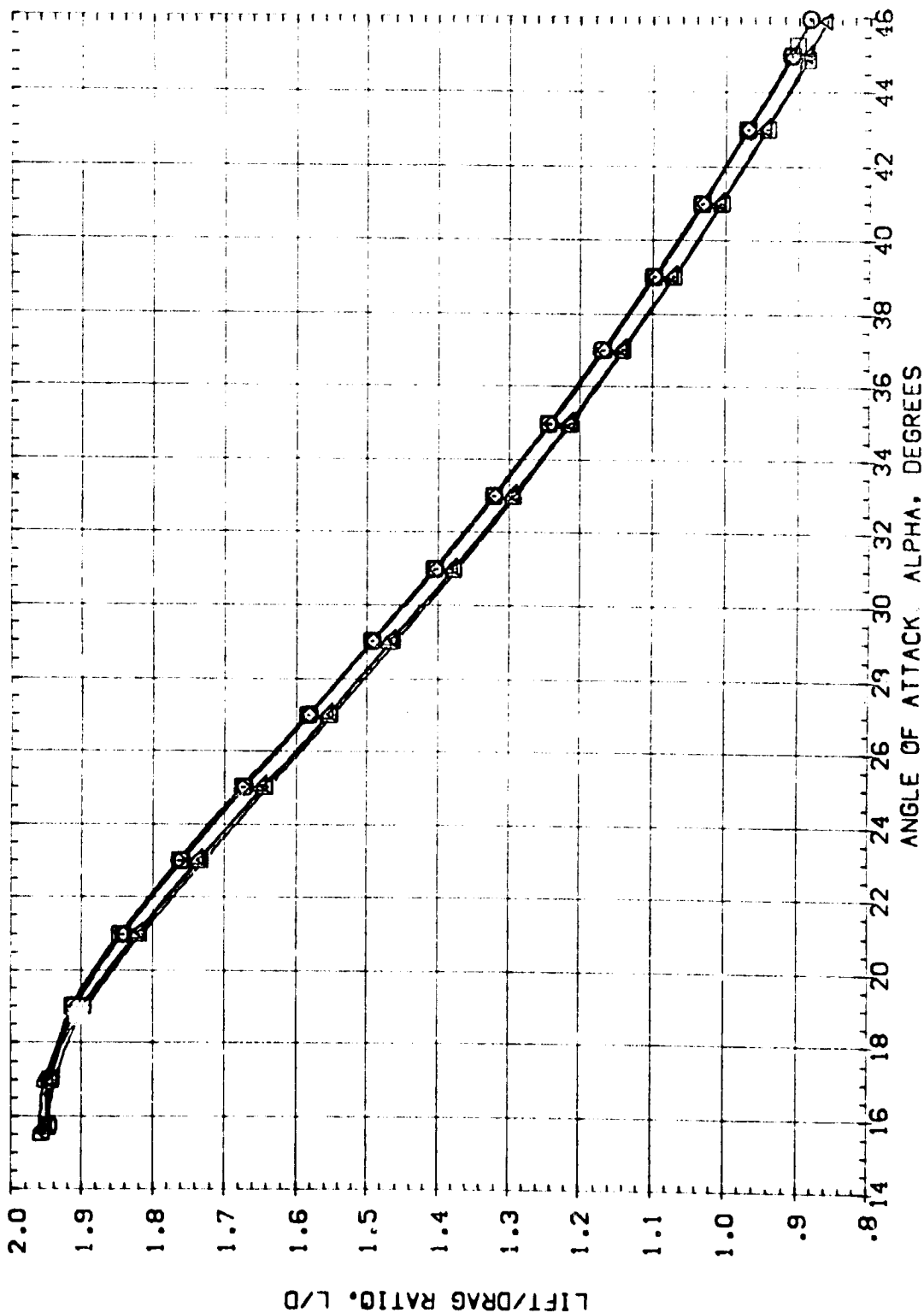


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
{BINA47}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	7.600	.000	16.300	55.000	SREF 87.1560 SQ.IN.
{BINA48}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	.000	16.300	55.000	LREF 7.1220 INCHES
{BINA49}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	1.600	.000	16.300	55.000	BREF 14.0520 INCHES
{BINA57}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	7.600	10.000	16.300	55.000	XMRP 12.6250 INCHES
{BINA58}	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	10.000	16.300	55.000	YMRP .0000 INCHES
{BINA59}	AEDC V-74(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	1.600	10.000	16.300	55.000	ZMRP -.3750 INCHES
						SCALE .0150

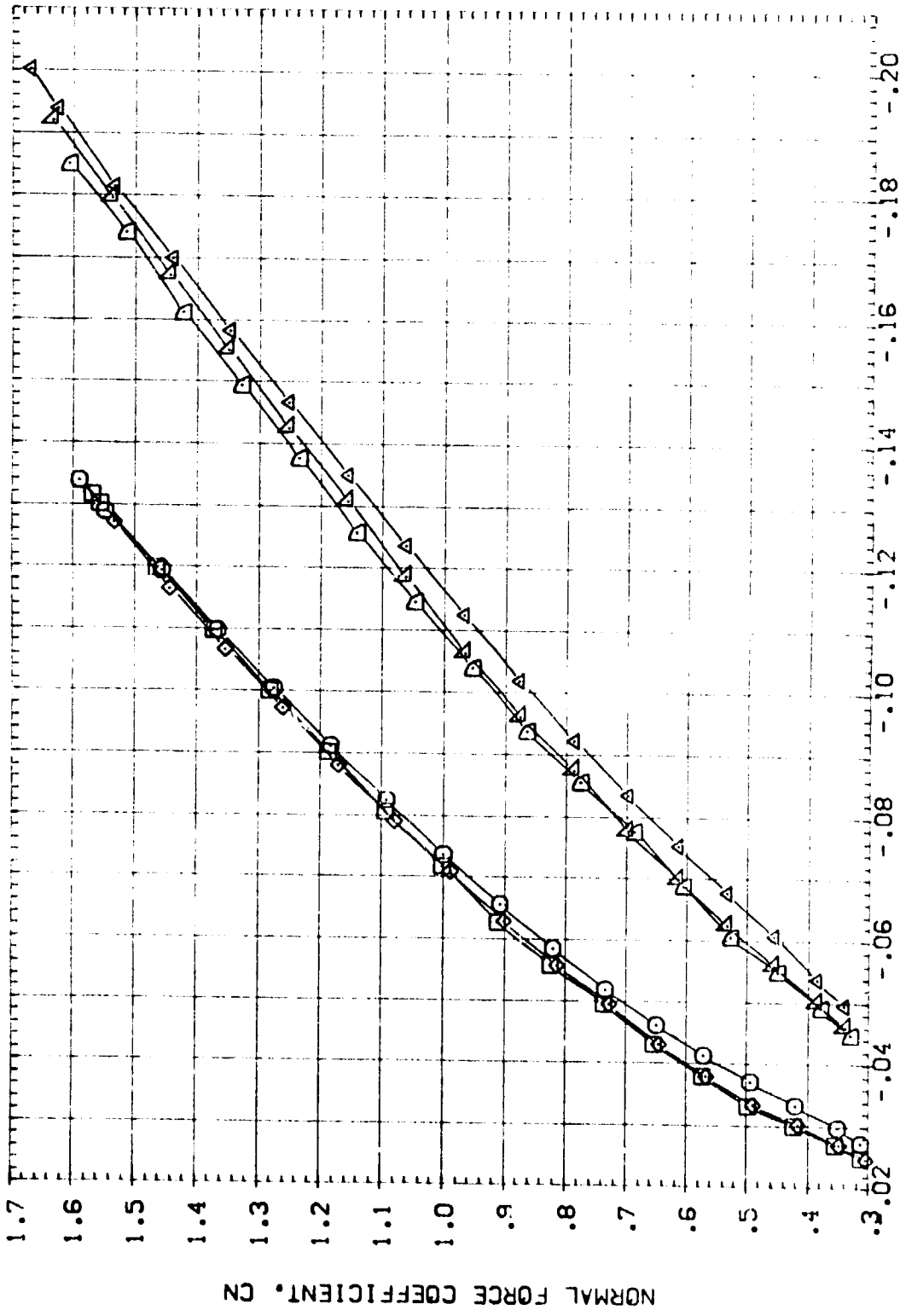


FIG 23 REYNOLDS NUMBER EFFECT. MACH = 6.0
 PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFW

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
(B)NA47)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	7.600	.000	16.300	55.000	SREF 87.1560 SQ. IN.
(B)NA48)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	3.000	.000	16.300	55.000	LREF 7.1220 INCHES
(B)NA49)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	1.600	.000	16.300	55.000	BREF 14.0520 INCHES
(B)NA57)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	7.600	10.000	16.300	55.000	XMRP 12.6250 INCHES
(B)NA58)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	3.000	10.000	16.300	55.000	YMRP .0000 INCHES
(B)NA59)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	1.600	10.000	16.300	55.000	ZMRP -.3750 INCHES
						SCALE .0150

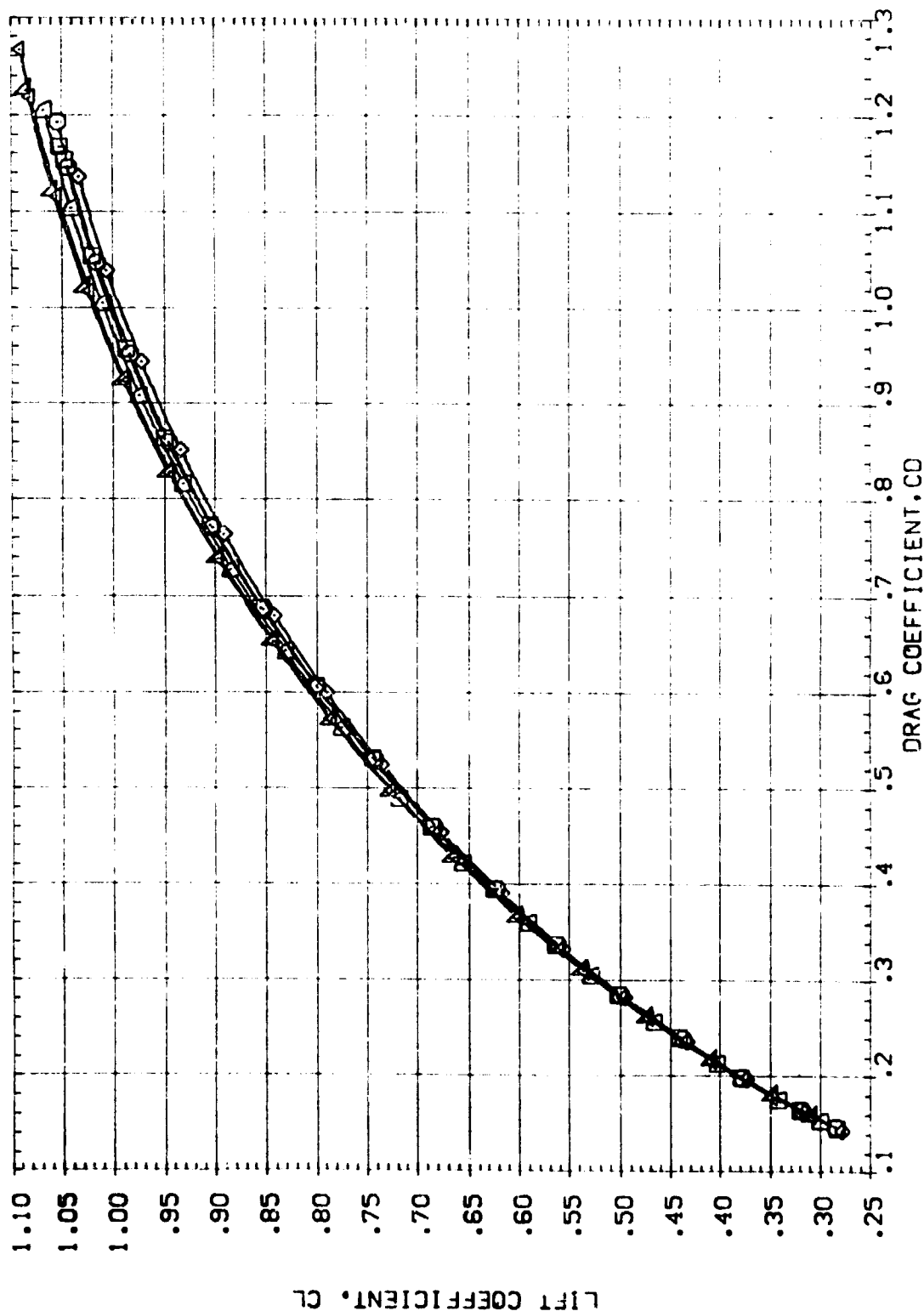


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A)MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION	SO, IN.
(BTNA47)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (VBRS)	7.600	.000	16.300	55.000	SREF	87.1560
(BTNA48)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (VBRS)	3.000	.000	16.300	55.000	LREF	7.1220
(BTNA49)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (VBRS)	1.600	.000	16.300	55.000	BREF	14.0520
(BTNA50)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (VBRS)	7.600	10.000	16.300	55.000	YMRP	12.6250
(BTNA51)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (VBRS)	3.000	10.000	16.300	55.000	ZMRP	.0000
(BTNA52)	AEDC VA474 (DA77/78) (B26C9F7H7) (V116E26) (VBRS)	1.600	10.000	16.300	55.000	SCALE	.0150

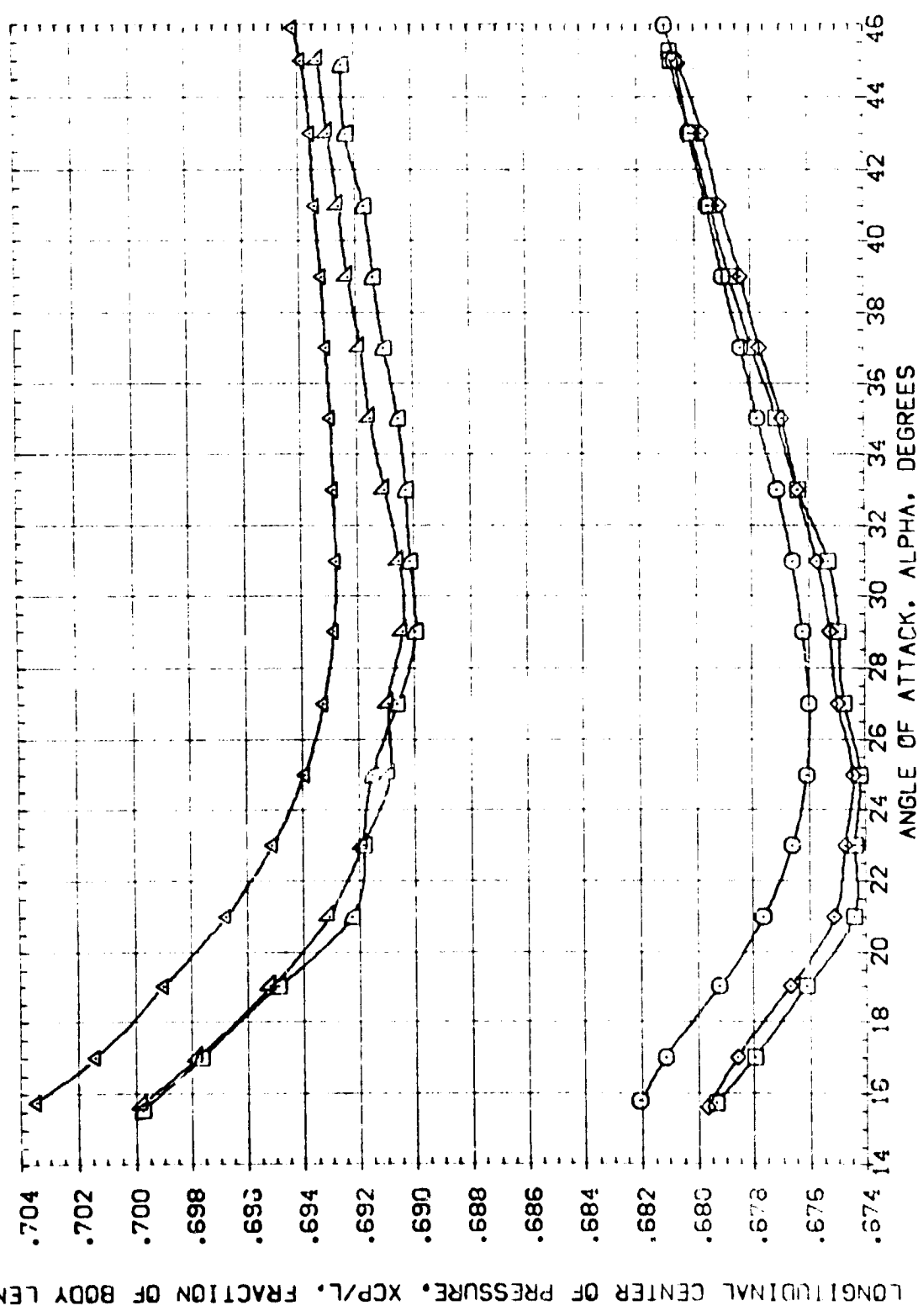


FIG 23 REYNOLDS NUMBER EFFECT, MACH = 6.0

(A) MACH = 5.95

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(B'N801)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8RS)	5.600	-40.000	-11.700	55.000	SREF 87.1560 SQ. IN.
(B'N802)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8RS)	2.900	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(B'N804)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8RS)	.800	-40.000	-11.700	55.000	BREF 14.0520 INCHES
(B'N811)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8RS)	5.600	.000	-11.700	55.000	XREF 12.6250 INCHES
(B'N812)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V116E26) (V8RS)	2.900	.000	-11.700	55.000	YREF .0000 INCHES
						ZREF -.3750 INCHES
						SCALE .0150

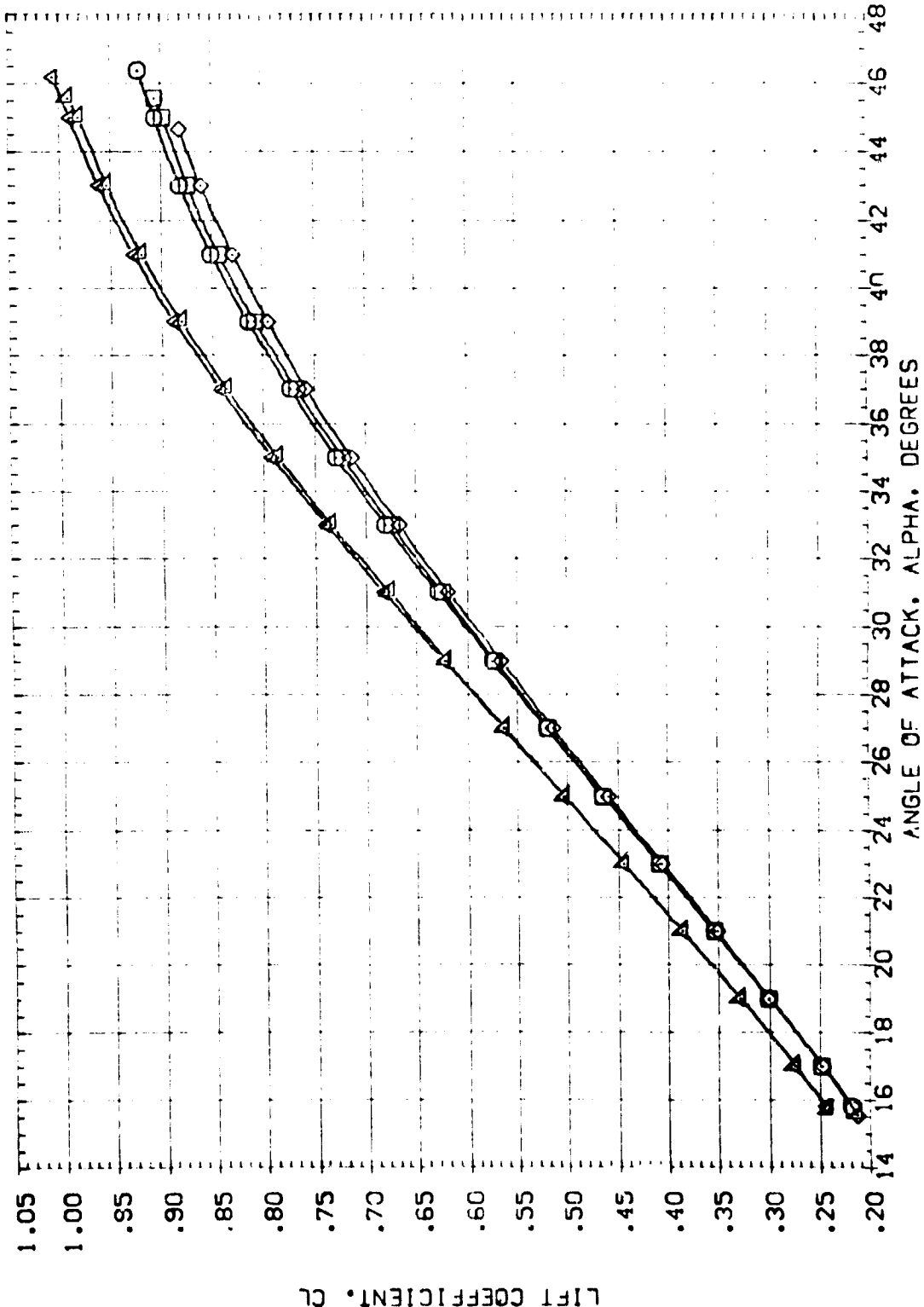


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(BTNB01)	AEDC JA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.600	-40.000	-11.700	55.000	SREF 87.1560 SQ IN.
(BTNB02)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	2.950	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(BTNB04)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.800	-40.000	-11.700	55.000	BREF 14.0520 INCHES
(BTNB11)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.600	.000	-11.700	55.000	YMRP 12.6250 INCHES
(BTNB12)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	2.950	.000	-11.700	55.000	ZMRP .0000 INCHES
						SCALE .3750
						.7150

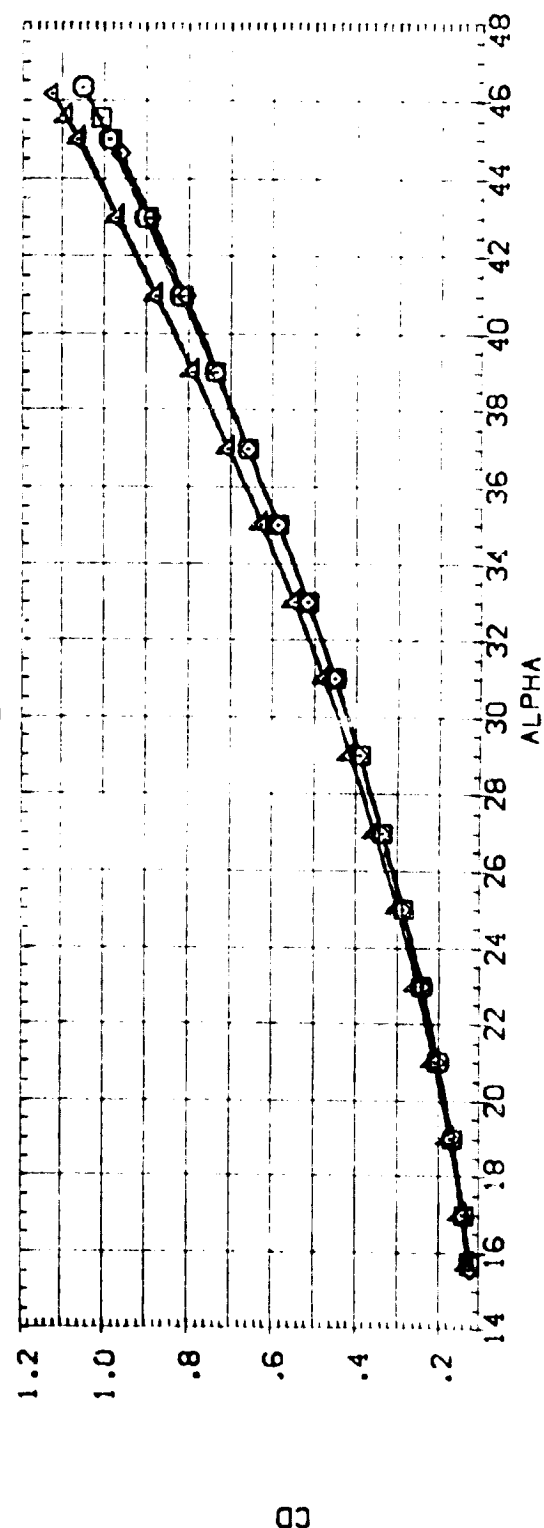
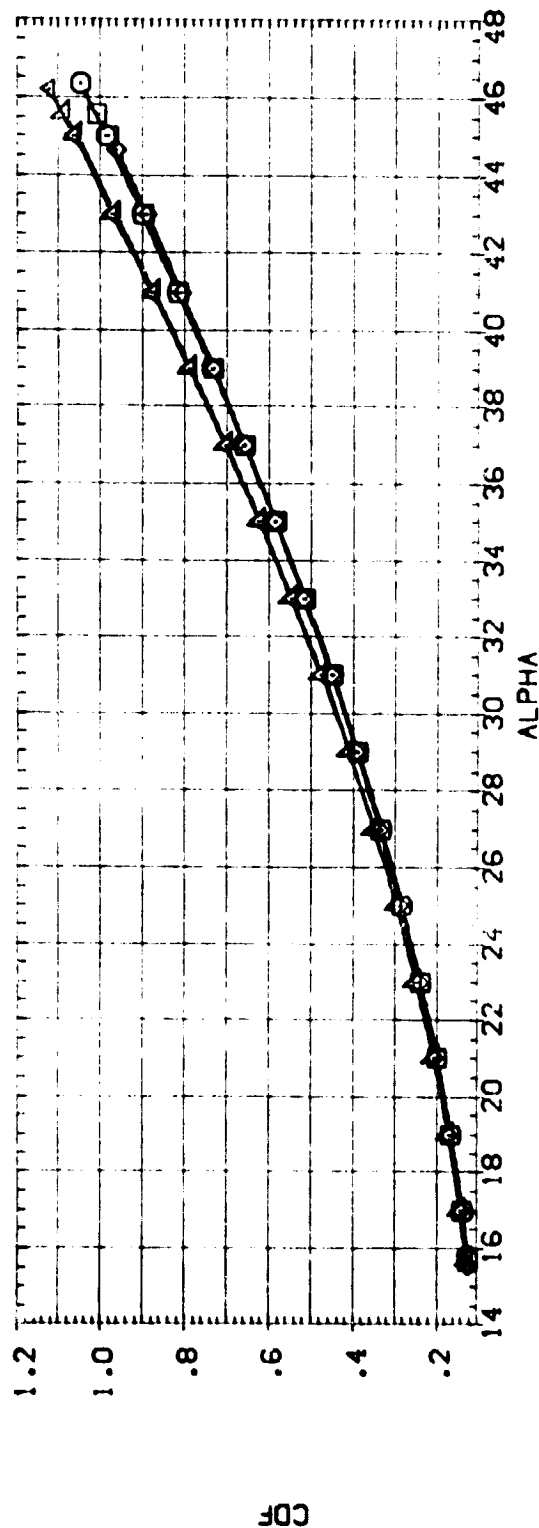


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

[B1'801]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'802]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'803]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'804]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'805]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'806]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'807]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'808]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'809]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'810]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'811]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)
[B1'812]	AEDC VA474(DA77/78)	(B26C9-7M7)(V116E26)(V8R5)

REFERENCE INFORMATION

SRF	87.1560	50.1N
LRP	7.1220	NC-HS
SRF	14.0520	NC-HS
X-RRP	12.6750	NC-HS
Y-RRP	0.0000	NC-HS
Z-RRP	-0.3750	NC-HS
SCALE	0.0150	

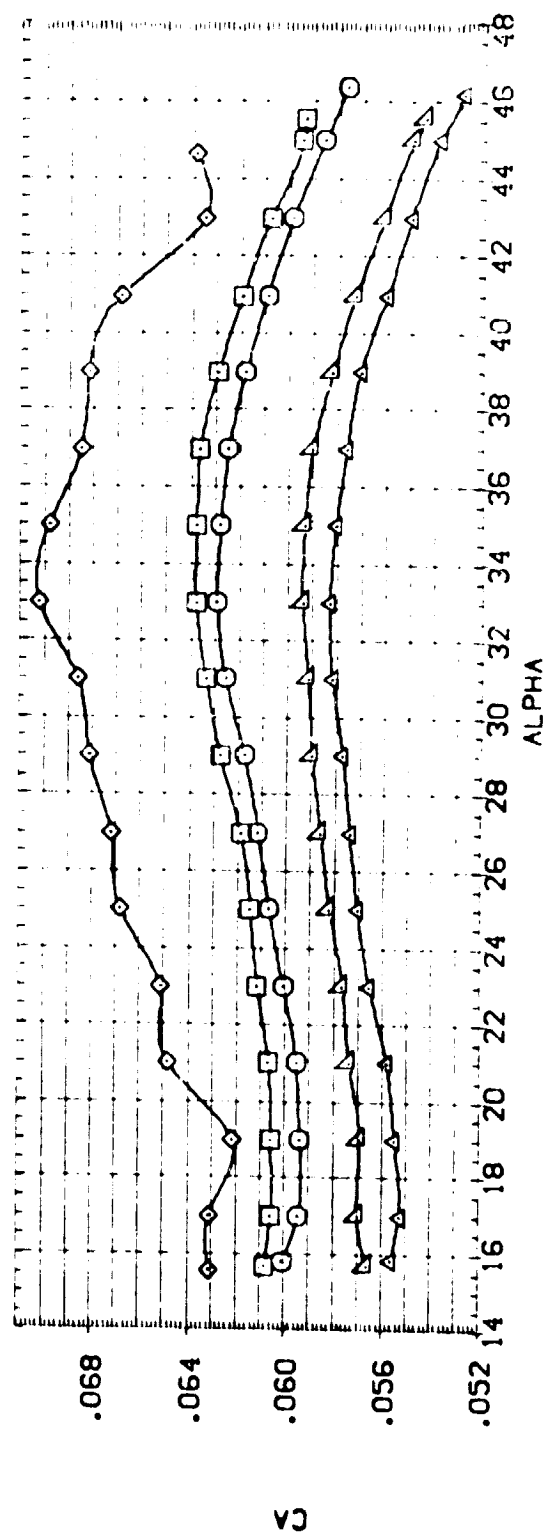
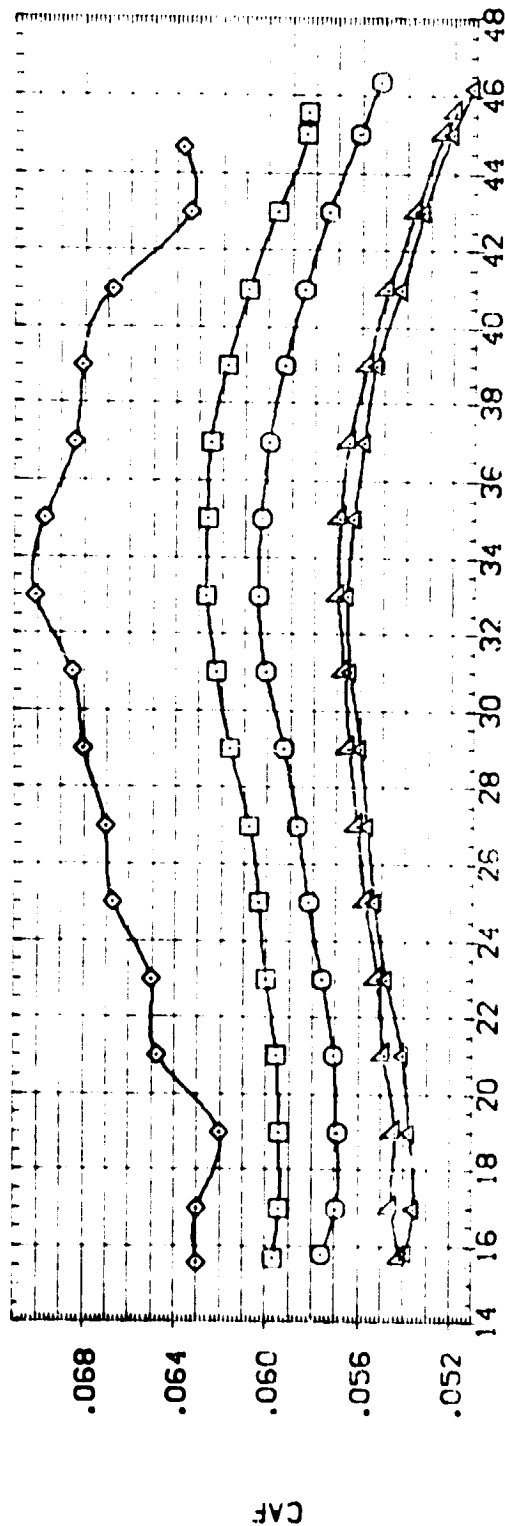


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(B1N801)	AEDC VA474(DA77/78) (B26CS777) (V116E26) (V8RS)	5.600	-40.000	-11.700	55.000	SREF 87.1560 50. IN.
(B1N802)	AEDC VA474(DA77/78) (B26CS777) (V116E26) (V8RS)	2.500	-40.000	-11.700	55.000	LREF 7.1220 NCLES
(B1N804)	AEDC VA474(DA77/78) (B26CS777) (V116E26) (V8RS)	.800	-40.000	-11.700	55.000	BREF 14.0520 NCLES
(B1N811)	AEDC VA474(DA77/78) (B26CS777) (V116E26) (V8RS)	5.600	.000	-11.700	55.000	YMRP 12.6250 NCLES
(B1N812)	AEDC VA474(DA77/78) (B26CS777) (V116E26) (V8RS)	2.500	.000	-11.700	55.000	ZMRP .0000 NCLES
						ZMRP -.3750 NCLES
						SCALE .0150

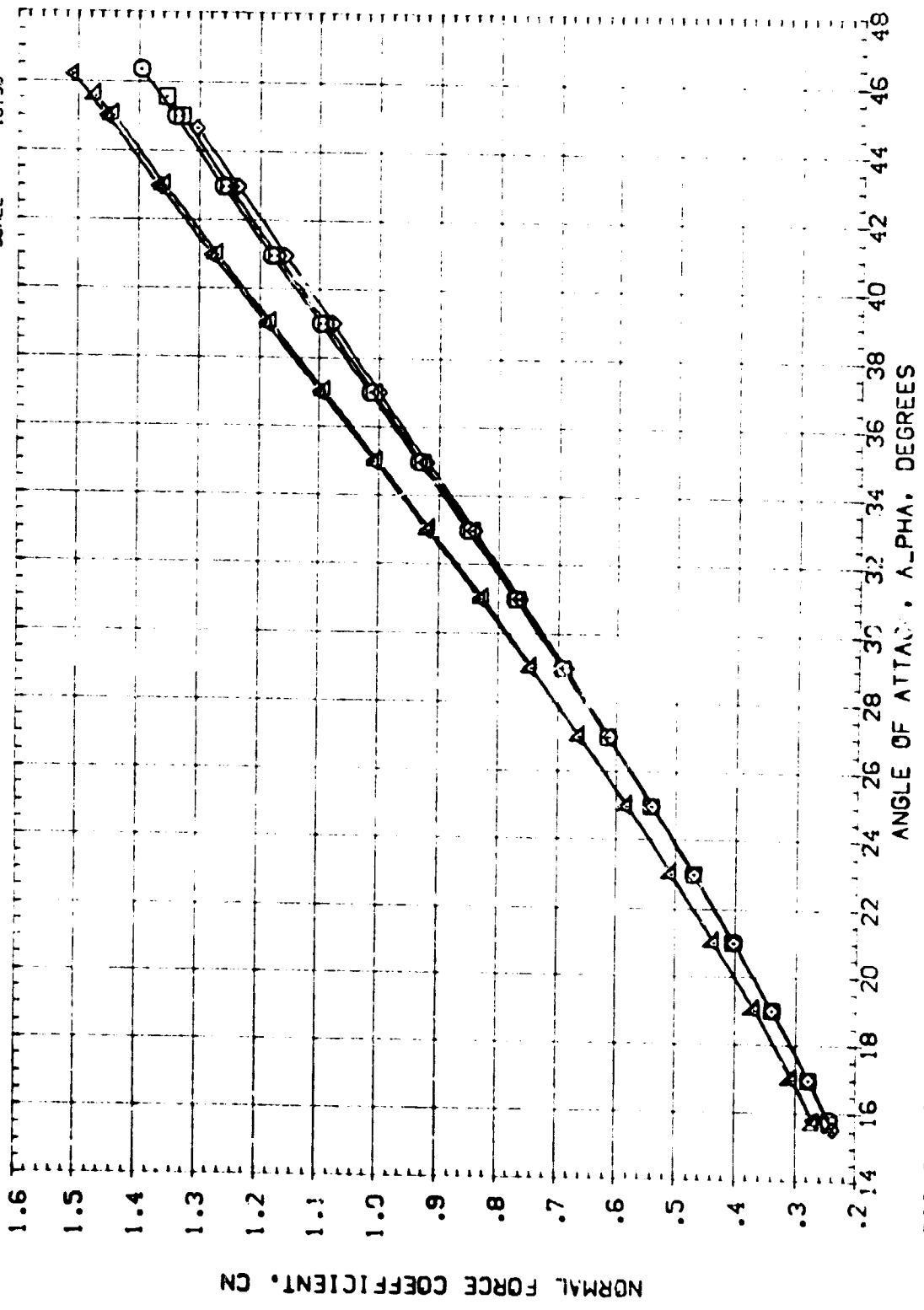
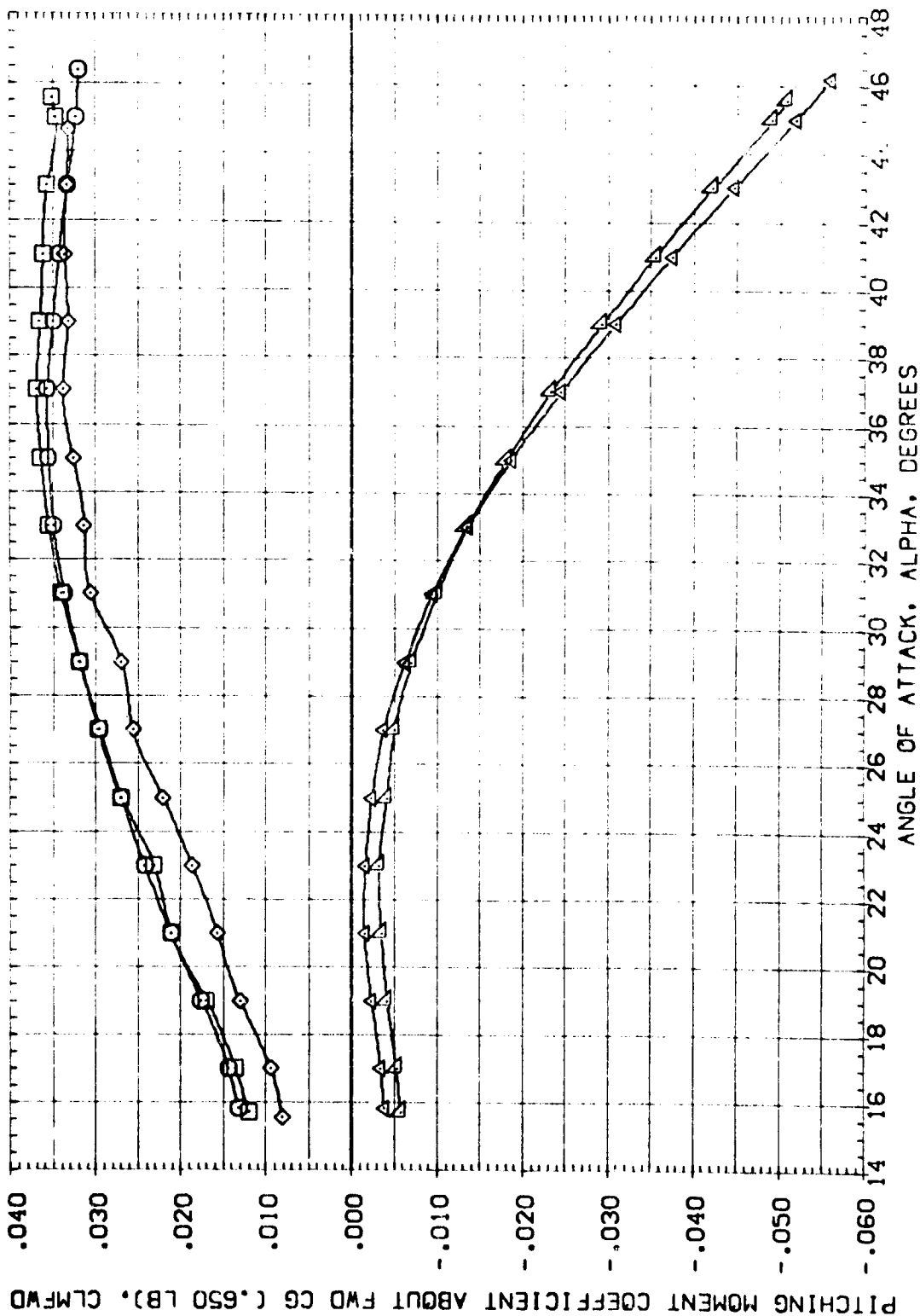


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 3.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
(BIN801)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.600	-40.000	-11.700	55.000	SREF 81.1560 SQ. IN.
(BIN802)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	2.900	-40.000	-11.700	55.000	LREF 12.220 INCHES
(BIN804)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.800	-40.000	-11.700	55.000	BREF 12.0520 INCHES
(BIN811)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.600	.000	-11.700	55.000	XMRP 12.6250 INCHES
(BIN812)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	2.900	.000	-11.700	55.000	ZMRP 12.0000 INCHES
						SCALE .0150



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION	SO.IN.
(BTNB01)	AEDC VA474(OA77/78) (B26C9F7M7) (V115E26) (VBRS)	5.600	-40.000	-11.700	55.000	SREF	87.1560
(BTNB02)	AEDC VA474(OA77/78) (B26C9F7M7) (V115E26) (VBRS)	2.900	-40.000	-11.700	55.000	LREF	7.1220
(BTNB04)	AEDC VA474(OA77/78) (B26C9F7M7) (V115E26) (VBRS)	.800	-40.000	-11.700	55.000	BREF	14.0520
(BTNB11)	AEDC VA474(OA77/78) (B26C9F7M7) (V115E26) (VBRS)	5.500	.000	-11.700	55.000	XMRP	12.6250
(BTNB12)	AEDC VA474(OA77/78) (B26C9F7M7) (V115E26) (VBRS)	2.900	.000	-11.700	55.000	ZMRP	.0000
						SCALE	.3750
							.0150

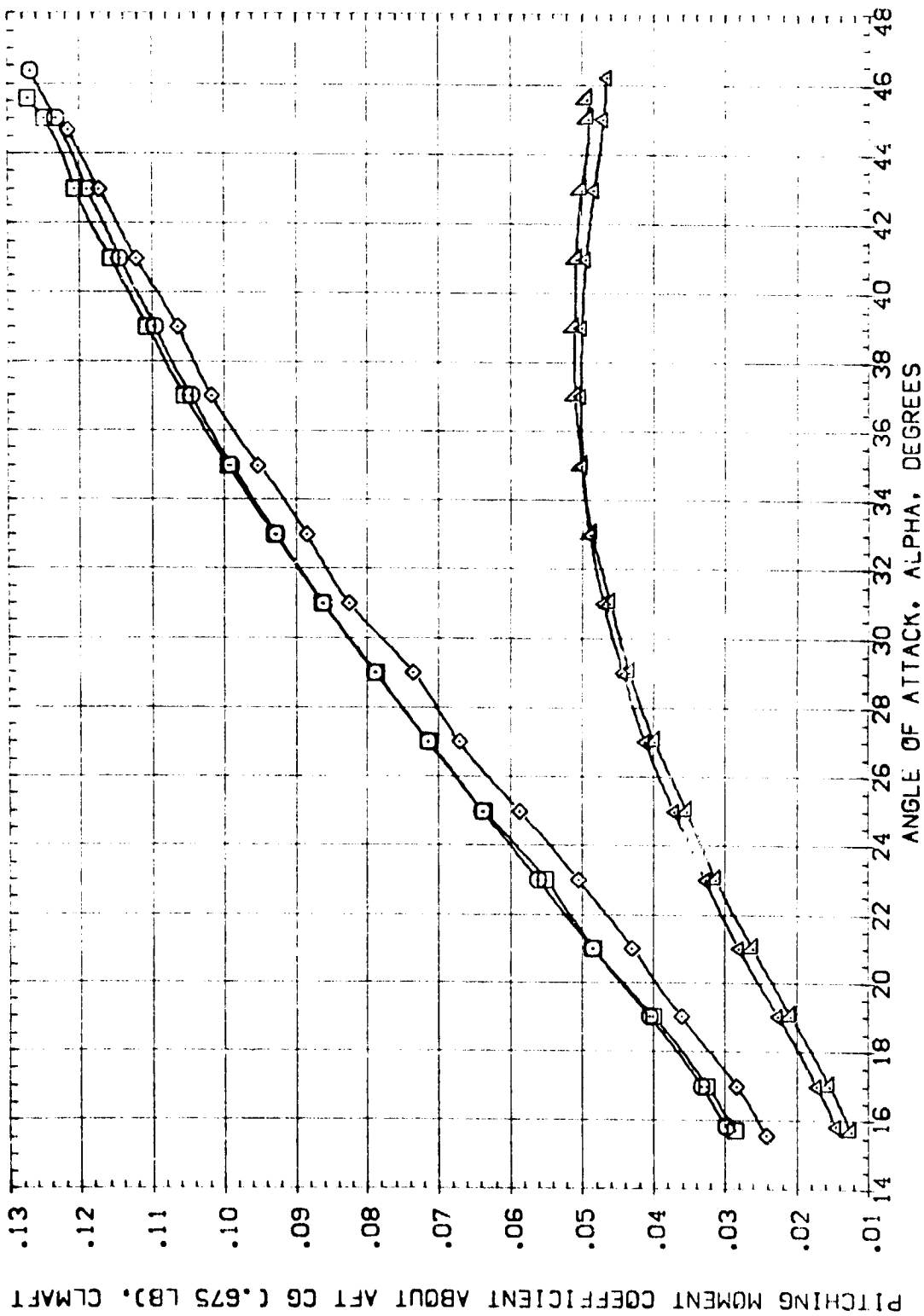


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
(B1N801)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.600	-40.000	-11.700	55.000	SREF 87.1560 SO IN.
(B1N802)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	2.900	-40.000	-11.700	55.000	LREF 7.1220 NC-ES
(B1N804)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	1.800	-40.000	-11.700	55.000	BREF 14.0520 NC-ES
(B1N811)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.600	.000	-11.700	55.000	XHRP .0000 NC-ES
(B1N812)	AEDC VA474(QA77/78) (B26C9F7M7) (V116E26) (VBR5)	2.900	.000	-11.700	55.000	ZHRP -.3750 NC-ES
						SCALE .0150

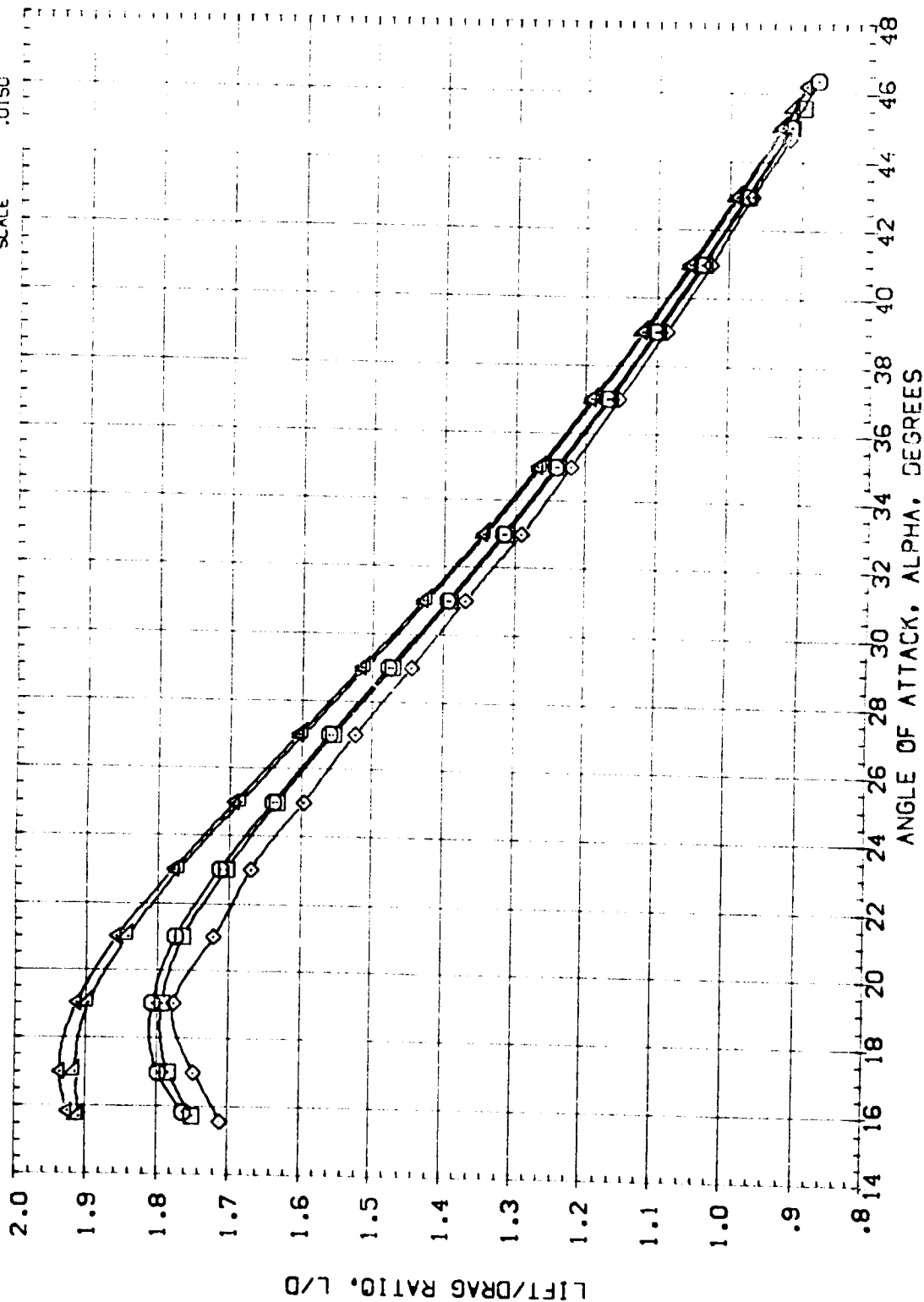


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION	SO, IN.
(BTNB01)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	5.600	-40.000	-11.700	55.000	SREF	87.1560
(BTNB02)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	2.900	-40.000	-11.700	55.000	REF	7.1270
(BTNB04)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	.800	-40.000	-11.700	55.000	BRF	16.0520
(BTNB11)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	5.600	.000	-11.700	55.000	XMRP	12.6250
(BTNB12)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26)(V8R5)	2.900	.000	-11.700	55.000	ZMRP	.0000
						SCALE	.3750
							.0150

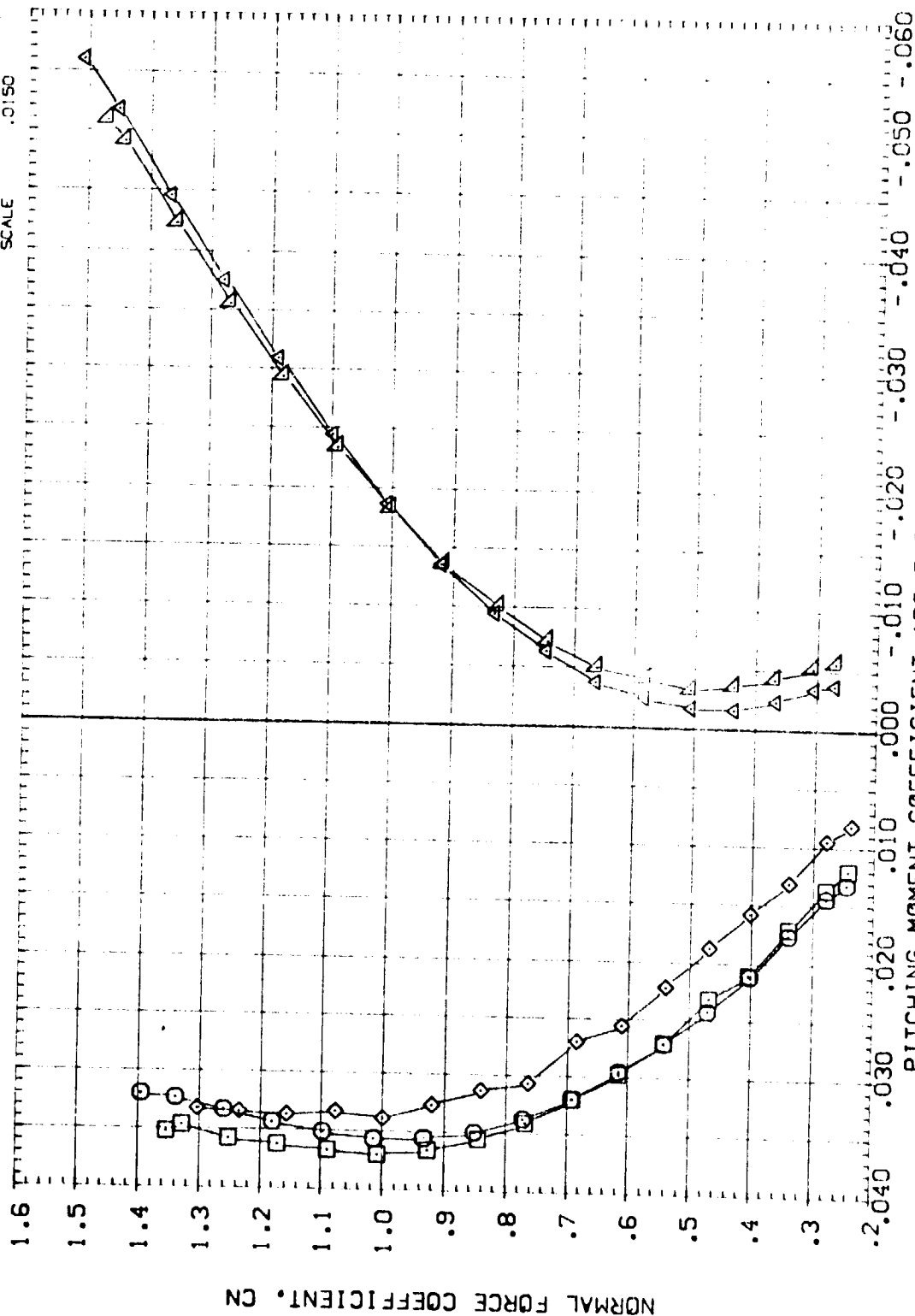


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)Mach = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
(B1N801)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(VB85)	5.600	-40.000	-11.700	55.000	SREF 87.1560 SC.IN.
(B1N802)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(VB85)	2.900	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(B1N804)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(VB85)	.800	-40.000	-11.700	55.000	XMRP 14.0520 INCHES
(B1N811)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(VB85)	5.600	.000	-11.700	55.000	YMRP 12.6250 INCHES
(B1N812)	AEDC VA474(CA77/78) (B26C9F7M7)(V116E26)(VB85)	2.900	.000	-11.700	55.000	ZMRP -.3750 INCHES
					SCALE	.0150

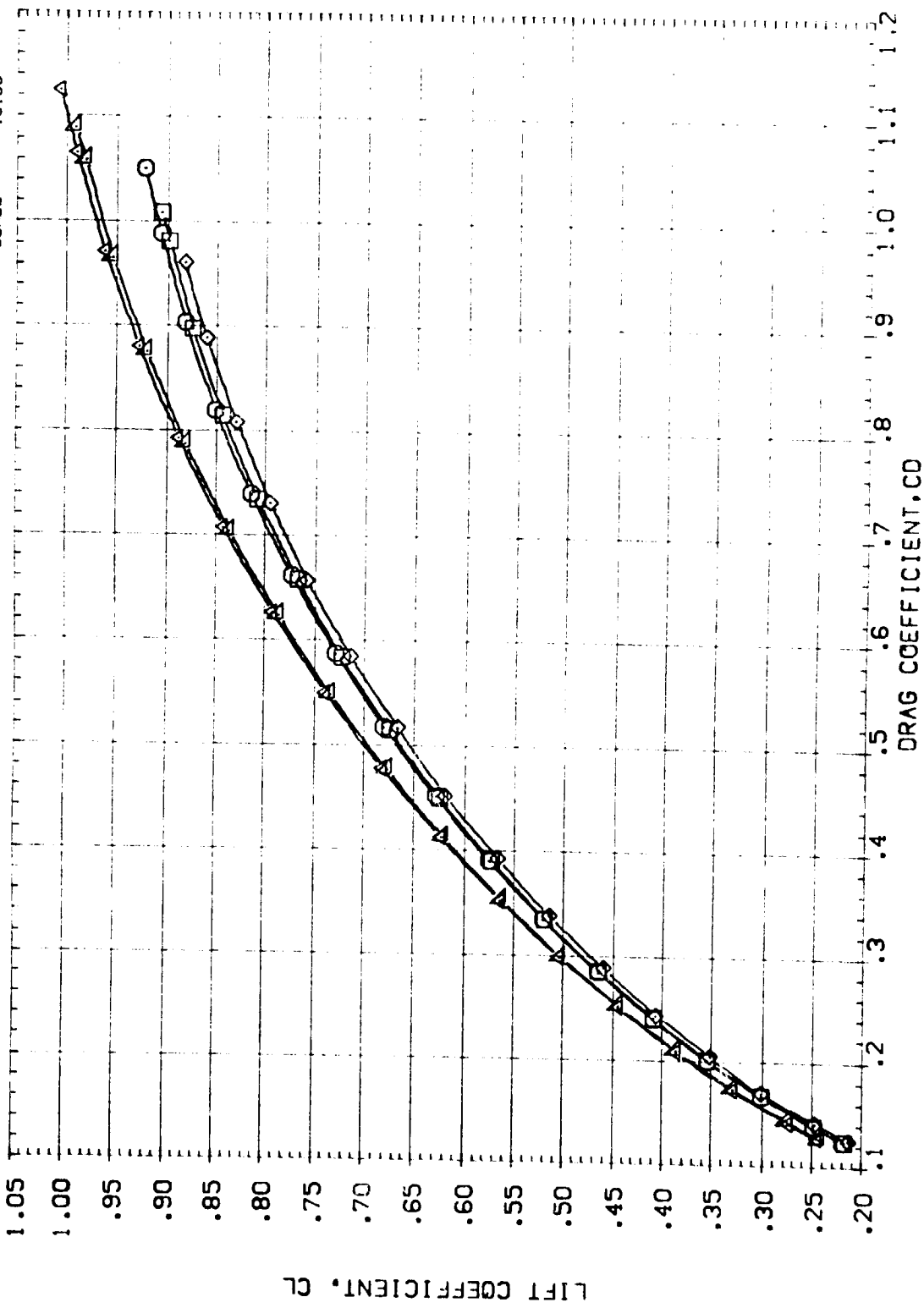


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

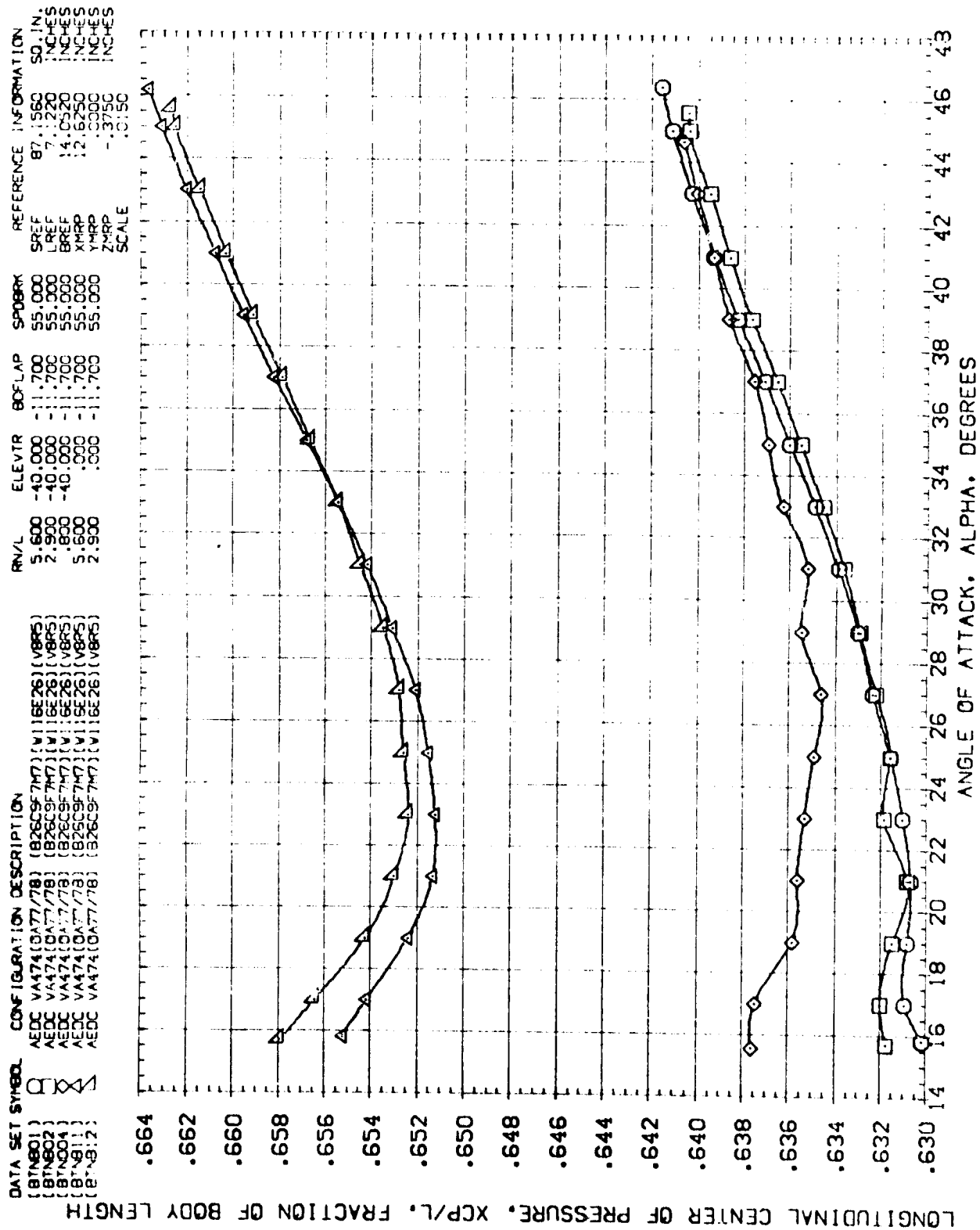


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

CAMACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION	SO.IN.
[BT1827]	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)	5.600	-40.000	.000	55.000	SREF 87.1560	NC-HS
[BT1828]	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)	2.900	-40.000	.000	55.000	LREF 7.1220	NC-HS
[BT1831]	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)	5.600	.000	.000	55.000	BREF 14.0520	NC-HS
[BT1832]	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)	2.900	.000	.000	55.000	YMRP 12.6250	NC-HS
[BT1834]	AEDC VA474(0A77/78) (B26C9F7H7) (V116E26)(V8R5)	.800	.000	.000	55.000	ZMRP -.3750	NC-HS
						SCALE .0150	

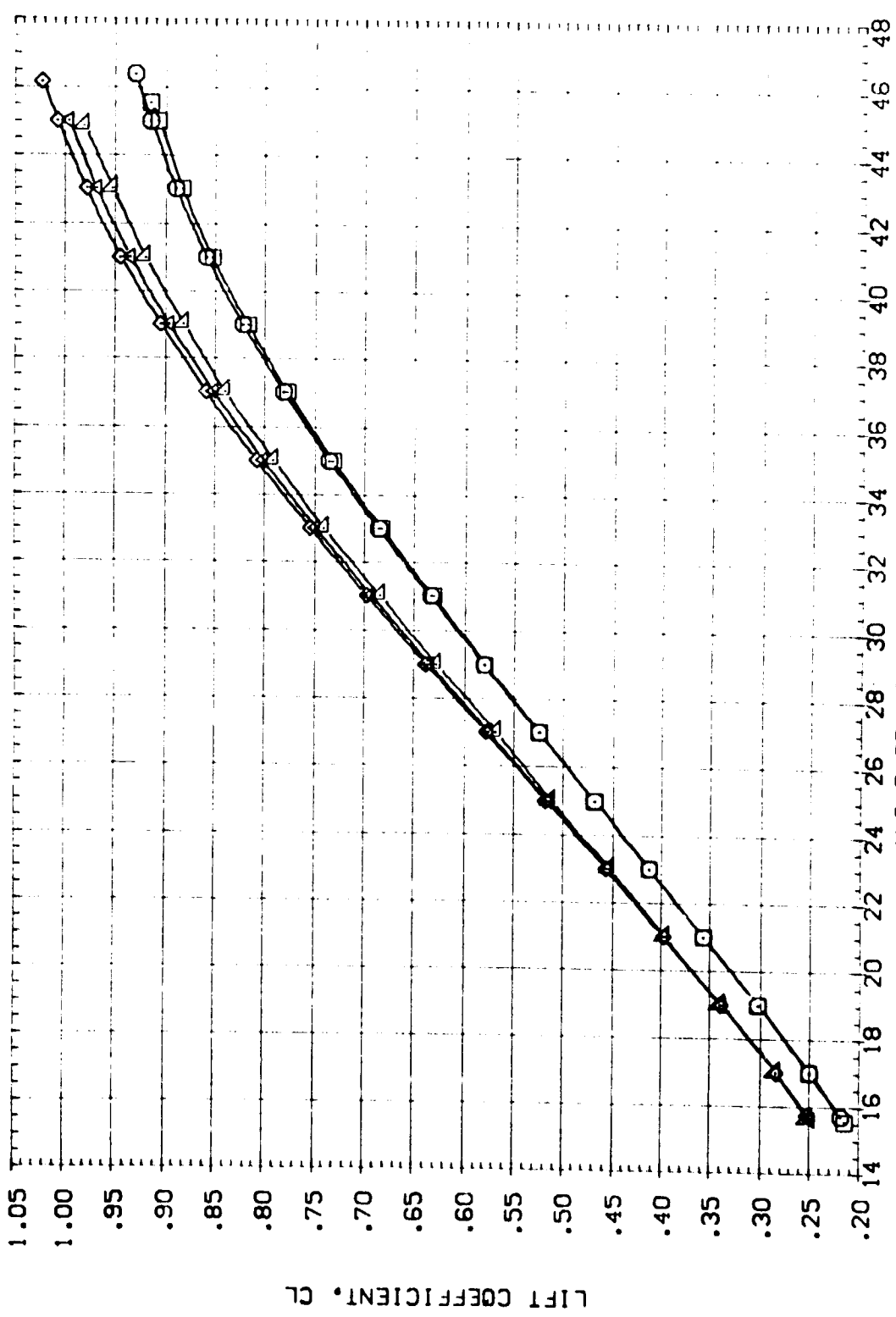


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION	S2 IN
(BTN877)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V11E26) (VBR5)	5.600	-40.000	.000	55.000	SREF	87.1560
(BTN878)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V11E26) (VBR5)	2.900	-40.000	.000	55.000	LREF	7.1220
(BTN831)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V11E26) (VBR5)	5.600	.000	.000	55.000	BREF	14.0520
(BTN832)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V11E26) (VBR5)	2.900	.000	.000	55.000	YMRP	12.6250
(BTN834)	AEDC VA474 (CAT7/78) (B26C9F7M7) (V11E26) (VBR5)	.800	.000	.000	55.000	ZMRP	.0000
						SCALE	.0150

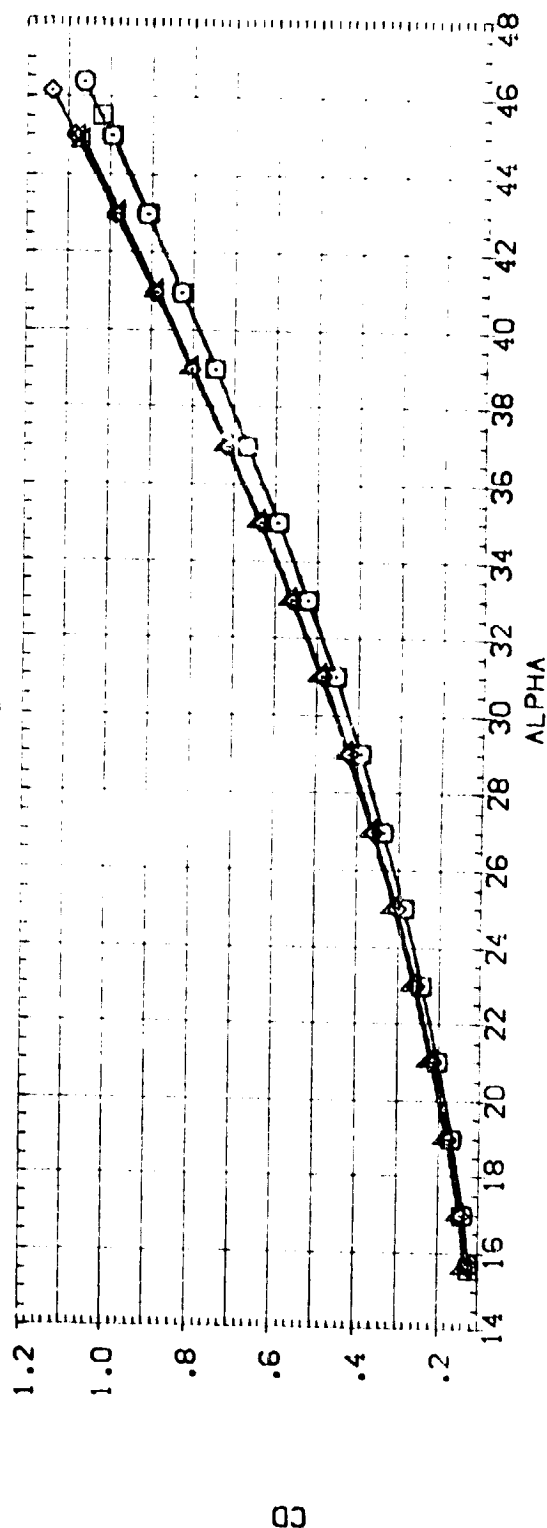
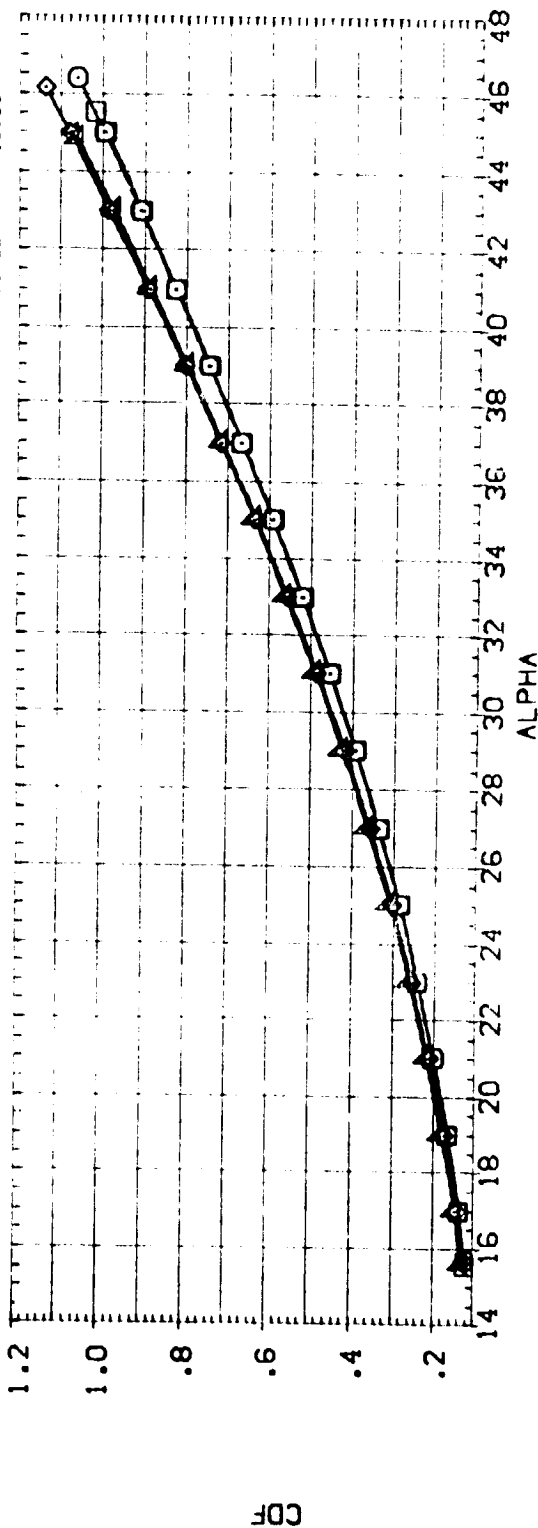


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION
(B1N827)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26) (V8R5)	5,600	-40,000	.000	55,000	SREF 87,1560
(B1N828)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26) (V8R5)	2,900	-40,000	.000	55,000	LREF 7,1220
(B1N831)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26) (V8R5)	5,600	.000	.000	55,000	BREF 14,0520
(B1N832)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26) (V8R5)	2,900	.000	.000	55,000	YMRP 12,6230
(B1N834)	AEDC VA474(DA77/78) (B26C9F7H7) (V116E26) (V8R5)	.800	.000	.000	55,000	ZMRP .0000
						SCALE -.3750
						0.150

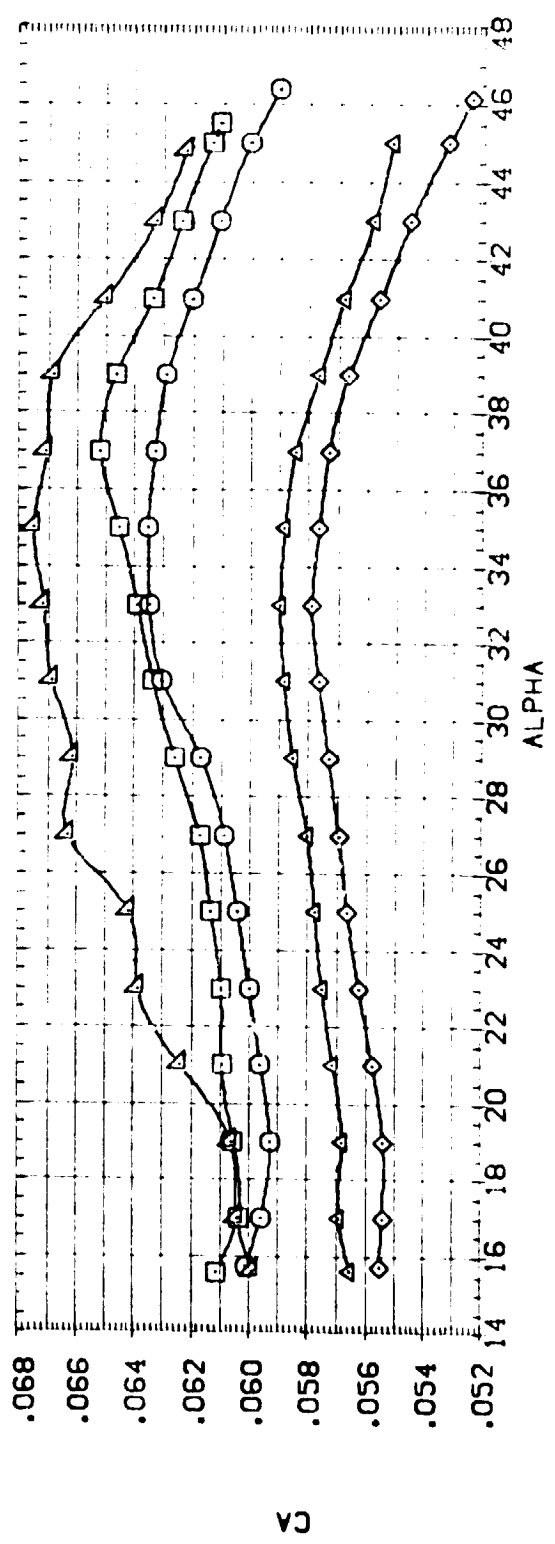
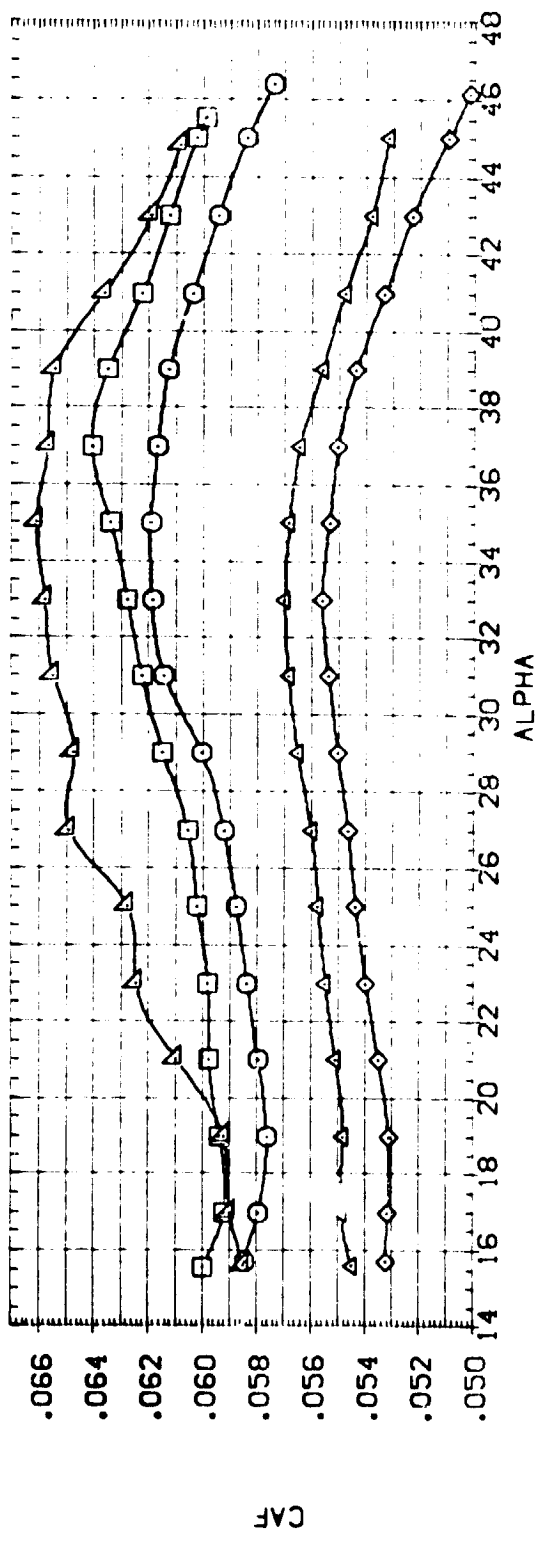


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	PN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(B'N827)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.600	-40.000	.000	55.000	SREF 87.1560 SQ. IN.
(B'N828)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	2.900	-40.000	.000	55.000	LREF 7.1220 INCHES
(B'N831)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.600	.000	.000	55.000	BREF 14.0520 INCHES
(B'N832)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	2.900	.000	.000	55.000	XREF 12.6250 INCHES
(B'N834)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	.800	.000	.000	55.000	YREF .0000 INCHES
						ZREF -.3750 INCHES
						SCALE 10:50

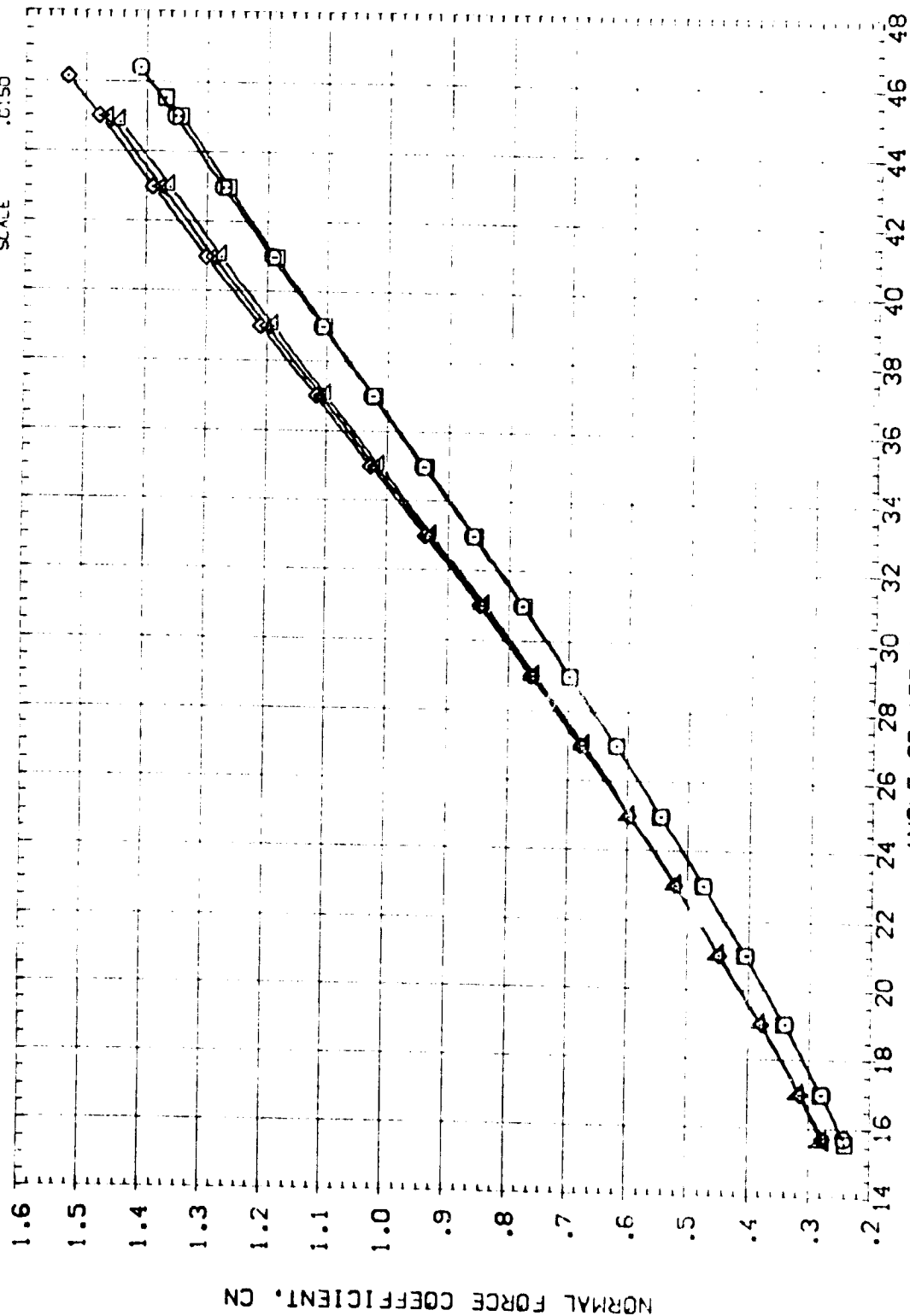
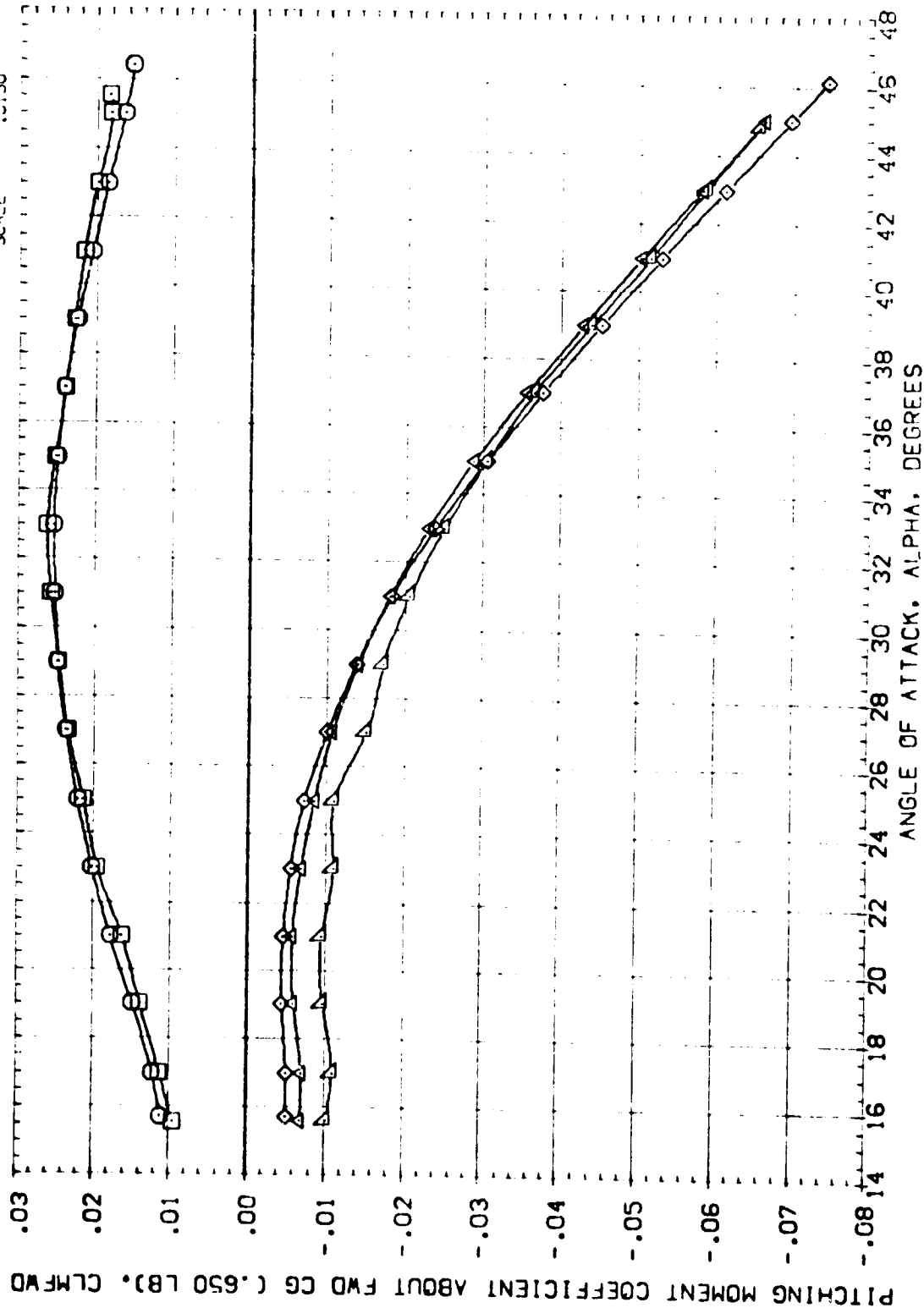


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RV/L	ELEVTR	30°CLAP	SPDBRK	REFERENCE INFORMATION
(B1N877)	AEDC VA474 (D477/78)	5.600	-40.000	.000	55.000	SREF 87.1560
(B1N828)	AEDC VA474 (D477/78)	2.900	-40.000	.000	55.000	LREF 7.1220
(B1N831)	AEDC VA474 (D477/78)	5.600	.000	.000	55.000	BREF 4.0520
(B1N832)	AEDC VA474 (D477/78)	2.900	.000	.000	55.000	XREF 2.6250
(B1N834)	AEDC VA474 (D477/78)	1.800	.000	.000	55.000	ZREF .0000
						SCALE -.3750
						SO IN. .0150



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(B'N27)	□	AEDC VA4741CA77/78 (B26C9777) (V116E26) (V895)	5.200	-40.000	.000	55.000	SREF 87.1560 SO IN: 14.0520
(B'N28)	×	AEDC VA4741CA77/79 (B26C9777) (V116E26) (V895)	2.800	-40.000	.000	55.000	LREF 7.1120
(B'N31)	×	AEDC VA4741CA77/78 (B26C9777) (V116E26) (V895)	5.800	.000	.000	55.000	BRF 14.0520
(B'N32)	×	AEDC VA4741CA77/78 (B26C9777) (V116E26) (V895)	2.800	.000	.000	55.000	YMRP 12.6350
(B'N33)	×	AEDC VA4741CA77/78 (B26C9777) (V116E26) (V895)	.800	.000	.000	55.000	ZMRP 3.7500
							SCALE .0150

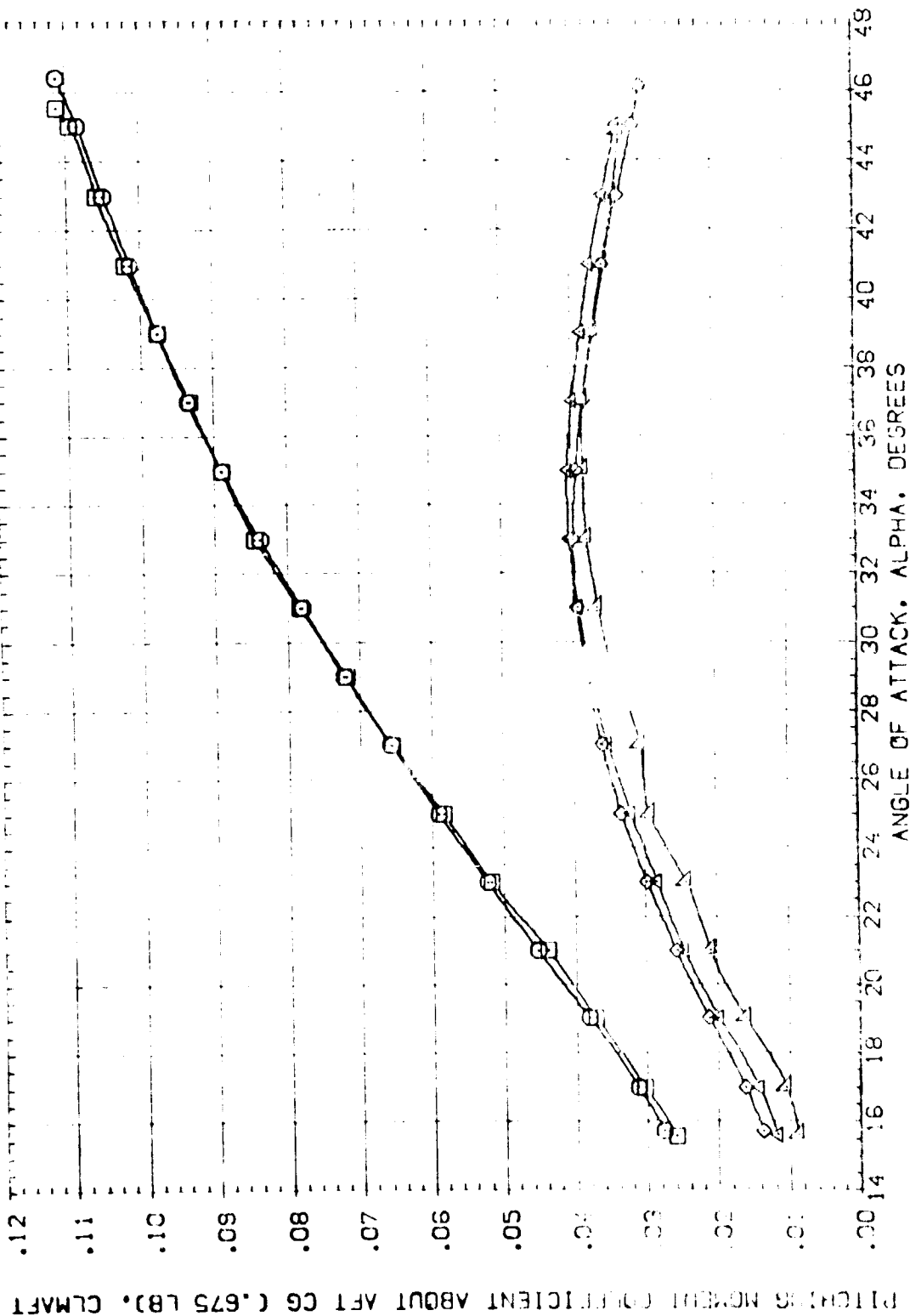


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

WINDMACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPEEDRK	REFERENCE INFORMATION	CO. IN.
(B1)B27)	AEDC VA474(CA77/78) (B76C97M7) (V116E26) (V895)	5.600	-40.000	.000	45.000	SREF	8
(B1)B28)	AEDC VA474(CA77/78) (B76C97M7) (V116E26) (V895)	5.600	-40.000	.000	55.000	LREF	14.0520
(B1)B31)	AEDC VA474(CA77/78) (B76C97M7) (V116E26) (V895)	5.600	.000	.000	55.000	BREF	14.0520
(B1)B32)	AEDC VA474(CA77/78) (B76C97M7) (V116E26) (V895)	2.900	.000	.000	55.000	XMRP	37.50
(B1)B34)	AEDC VA474(CA77/78) (B76C97M7) (V116E26) (V895)	2.900	.000	.000	55.000	ZMRP	37.50
						SCALE	37.50

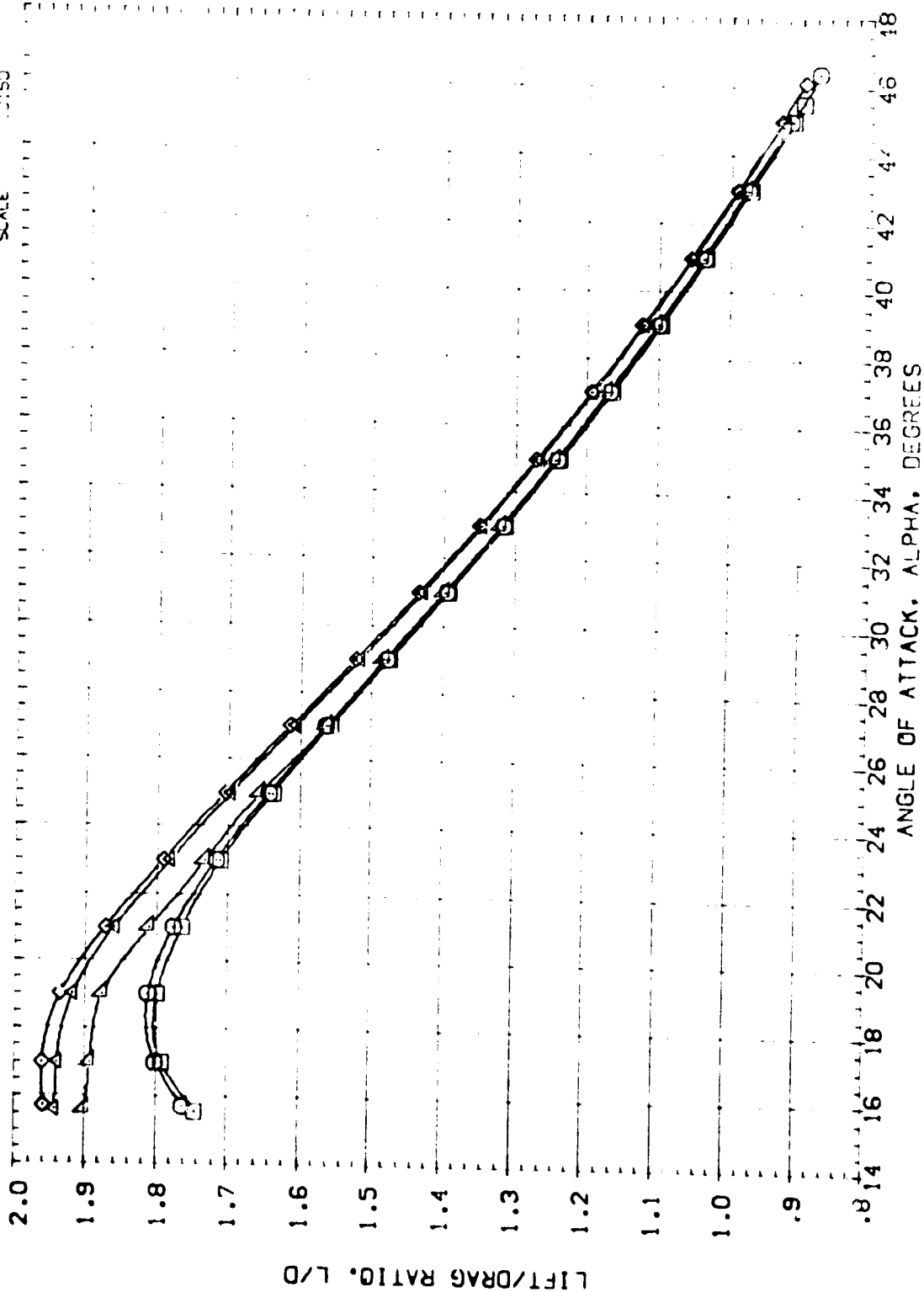


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RNVL	ELEVTR	30FLAP	SPDBRK	REFERENCE INFORMATION	SCALING
(BTN27)	AEDC VA474 (DAT/78) (B2605/78)	5.600	-40.000	.000	55.000	REF	87.1560
(BTN28)	AEDC VA474 (DAT/78) (B2605/78)	2.900	-40.000	.000	55.000	LREF	7.1220
(BTN31)	AEDC VA474 (DAT/78) (B2605/78)	5.600	.000	.000	55.000	BREF	14.0520
(BTN32)	AEDC VA474 (DAT/78) (B2605/78)	2.900	.000	.000	55.000	XMRD	12.6250
(BTN33)	AEDC VA474 (DAT/78) (B2605/78)	.900	.000	.000	55.000	YMRD	1.0000
(BTN34)	AEDC VA474 (DAT/78) (B2605/78)	.900	.000	.000	55.000	ZMRD	1.3750
						SCALE	.0150

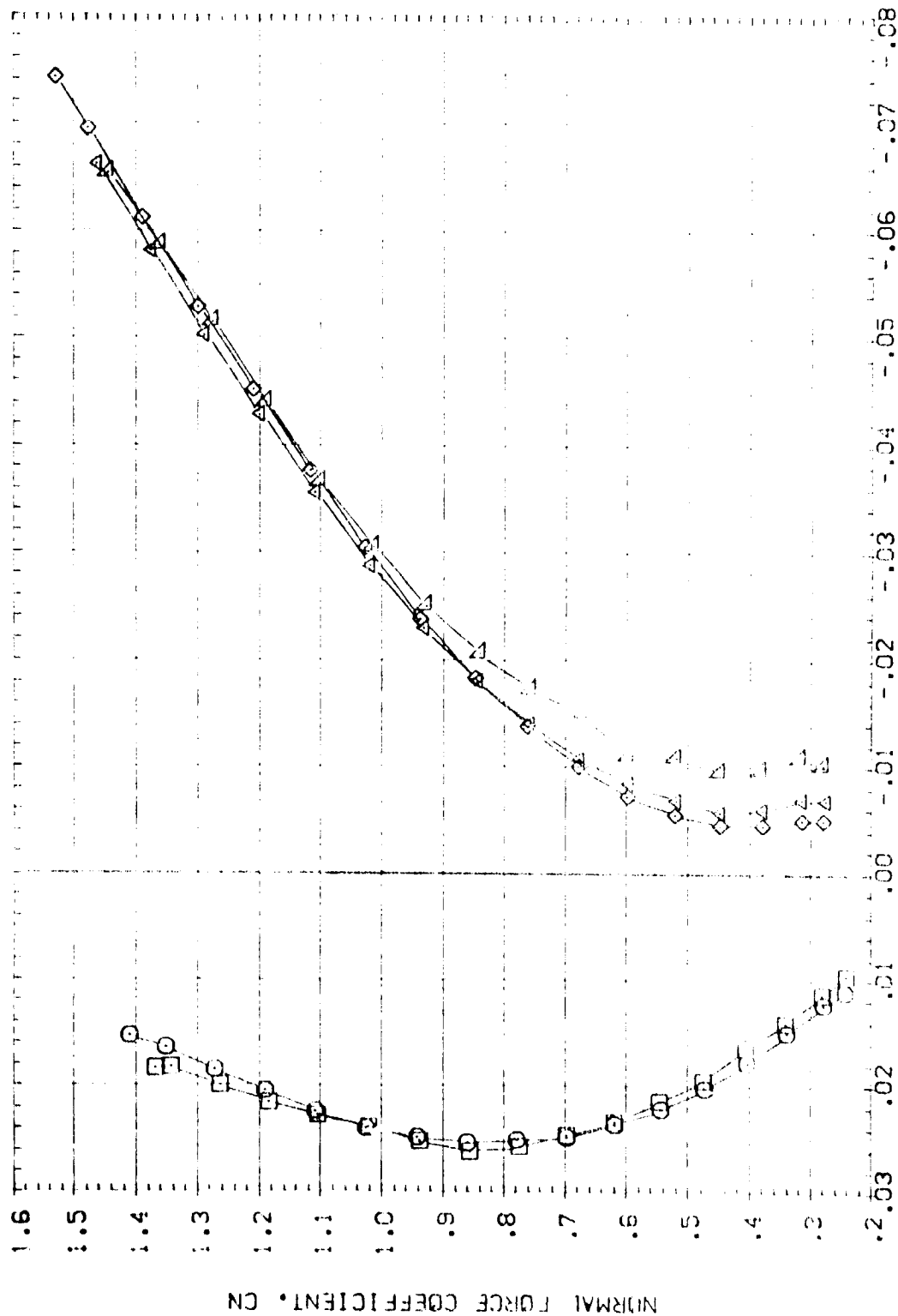


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

CMFWD = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(B'N827)	AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.600	-40.000	.000	55.000	SREF 87.1560 SQ. IN.
(B'N828)	AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)	2.900	-40.000	.000	55.000	LREF 7.1220 INCHES
(B'N831)	AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.600	.000	.000	55.000	SREF 14.0520 INCHES
(B'N832)	AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)	2.900	.000	.000	55.000	XREF 12.6250 INCHES
(B'N834)	AEDC VA474(QA77/78) (B26C9F7M7)(V116E26)(V8R5)	.800	.000	.000	55.000	YREF .0000 INCHES
						ZREF -.3750 INCHES
						SCALE .0150

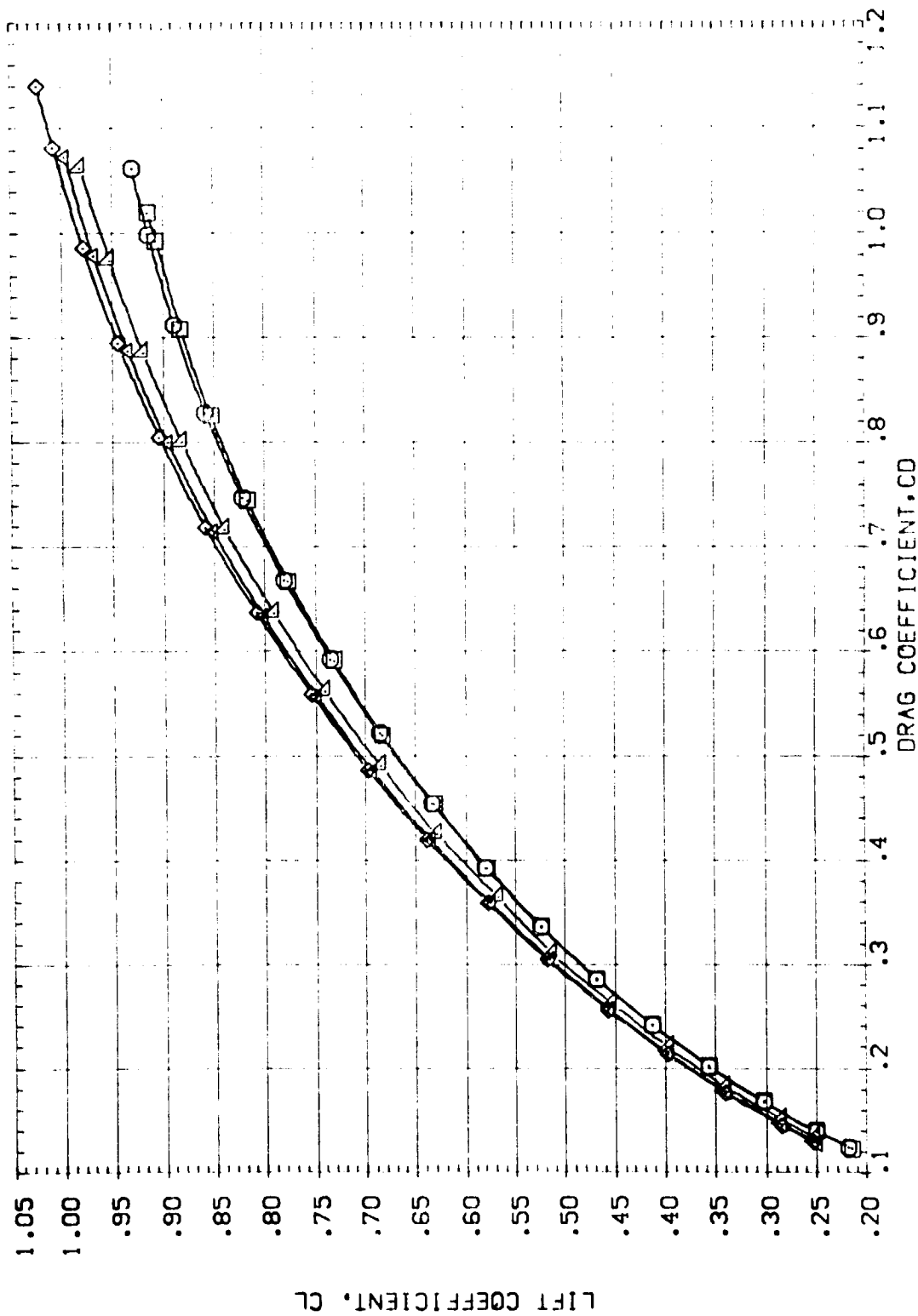


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RV/L	ELEVTR	BDFLAP	SPDRK	REFERENCE INFORMATION
(B1827)	AEDC VA474(CA 7/78) (B2609-7M7) (V1) (B276) (VBR5)	5.500	-40.000	.000	55.000	SREF 87.1560 50.1N
(B1828)	AEDC VA474(CA 7/78) (B2609-7M7) (V1) (B276) (VBR5)	2.800	-40.000	.000	55.000	LREF 71.220 10.1N
(B1831)	AEDC VA474(CA 7/78) (B2609-7M7) (V1) (B276) (VBR5)	5.800	.000	.000	55.000	BREF 14.0520 10.1N
(B1832)	AEDC VA474(CA 7/78) (B2609-7M7) (V1) (B276) (VBR5)	2.800	.000	.000	55.000	XMRP 12.6250 10.1N
(B1834)	AEDC VA474(CA 7/78) (B2609-7M7) (V1) (B276) (VBR5)	.800	.000	.000	55.000	YMRP .0000 10.1N
						ZMRP -.3750 10.1N
						SCALE 0.150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

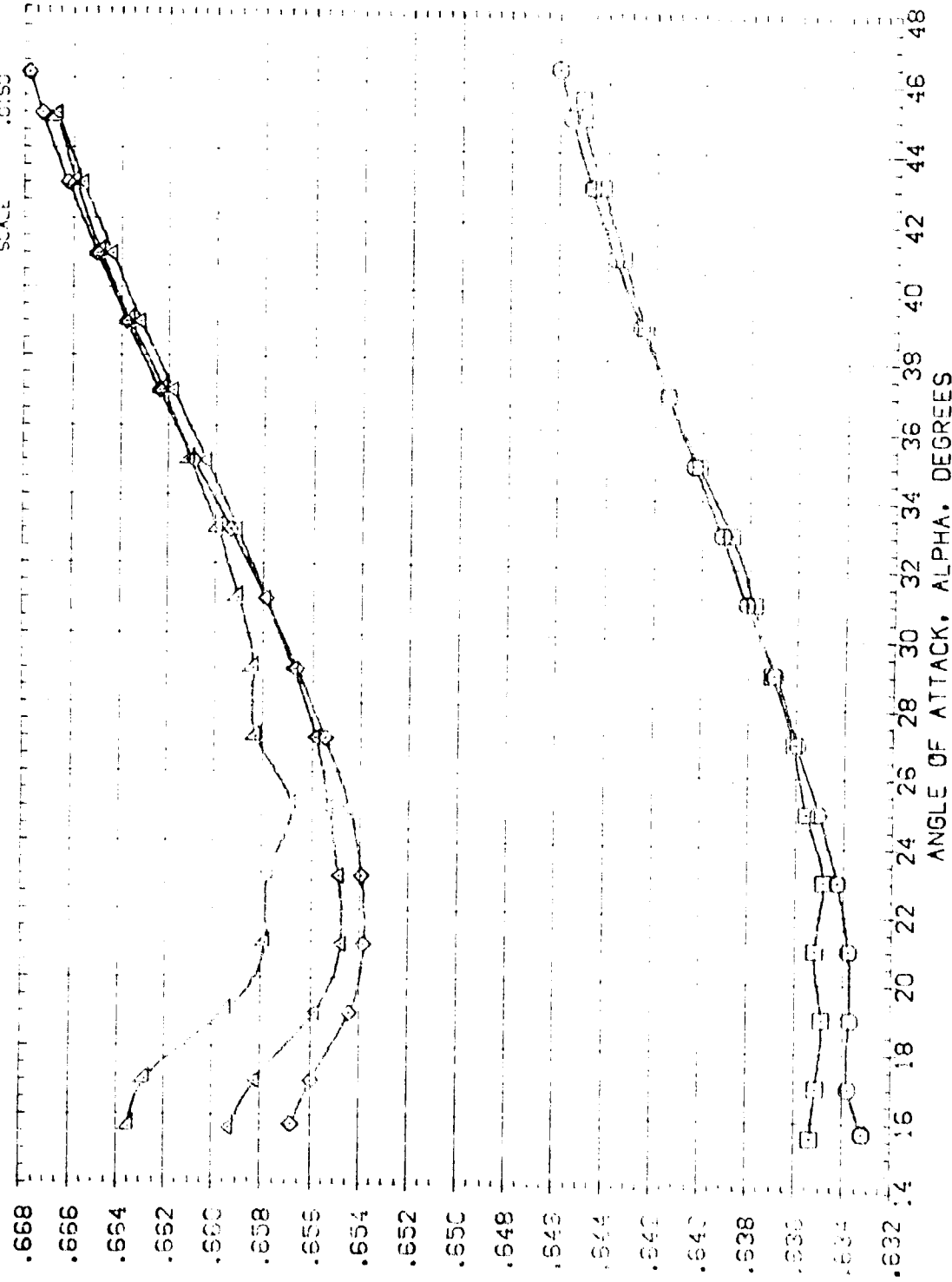


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

CALMACH = 8.00

DATA SET SYMBOL: (BTNB42) (BTNB43)

CONFIGURATION DESCRIPTION:
 AEDC VA474(DA77/78) (B26C9F7M7) (W116E26) (VBR5)
 AEDC VA474(DA77/78) (B26C9F7M7) (W116E26) (VBR5)

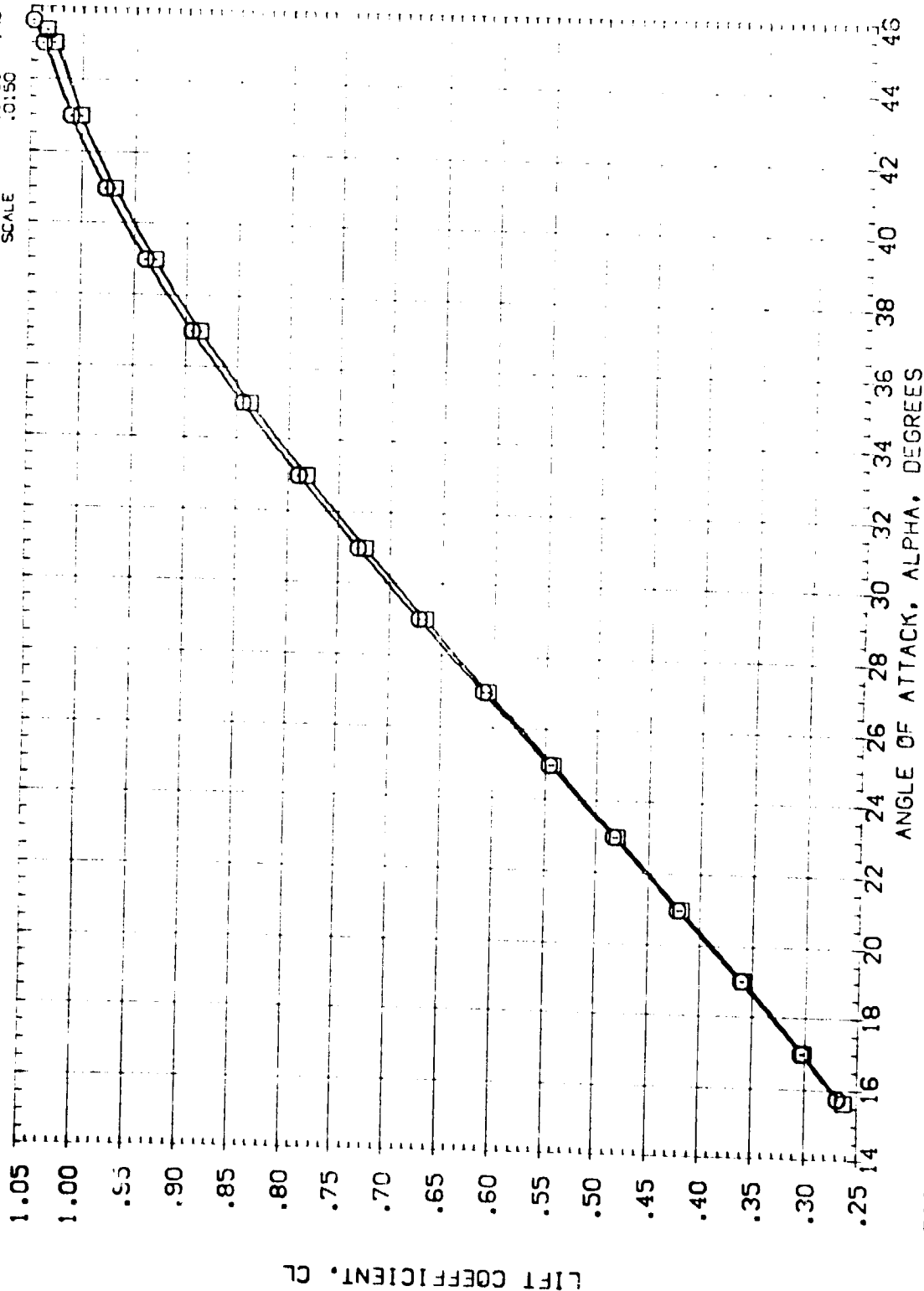
REFERENCE INFORMATION:
 SREF 87.1560 50.1 IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP 10.000 INCHES
 ZMRP -3750 INCHES
 SCALE 0.150

RN/L: 5.600, 2.900

ELEVTR: 10.000, 10.000

BOFLAP: .000, .000

SPOBRK: 55.000, 55.000



DATA SET SY:EDL CONFIGURATION DESCRIPTION

DATA SET	SY:EDL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
(BTN842)		AEDE VA474(0A77/78) (B26C9F7H7) (V116E26) (V8K5)	5.600	10.000	.000	55.000	SREF 87.1560 SQ.IN.
(BTN843)		AEDE VA474(0A77/78) (B26C9F7H7) (V116E26) (V8K5)	2.500	10.000	.000	55.000	LREF 17.1220 INCHES
							BREF 14.0520 INCHES
							XMRO 12.6250 INCHES
							YMRO .0000 INCHES
							ZMRO -.3750 INCHES
							SCALE .0150

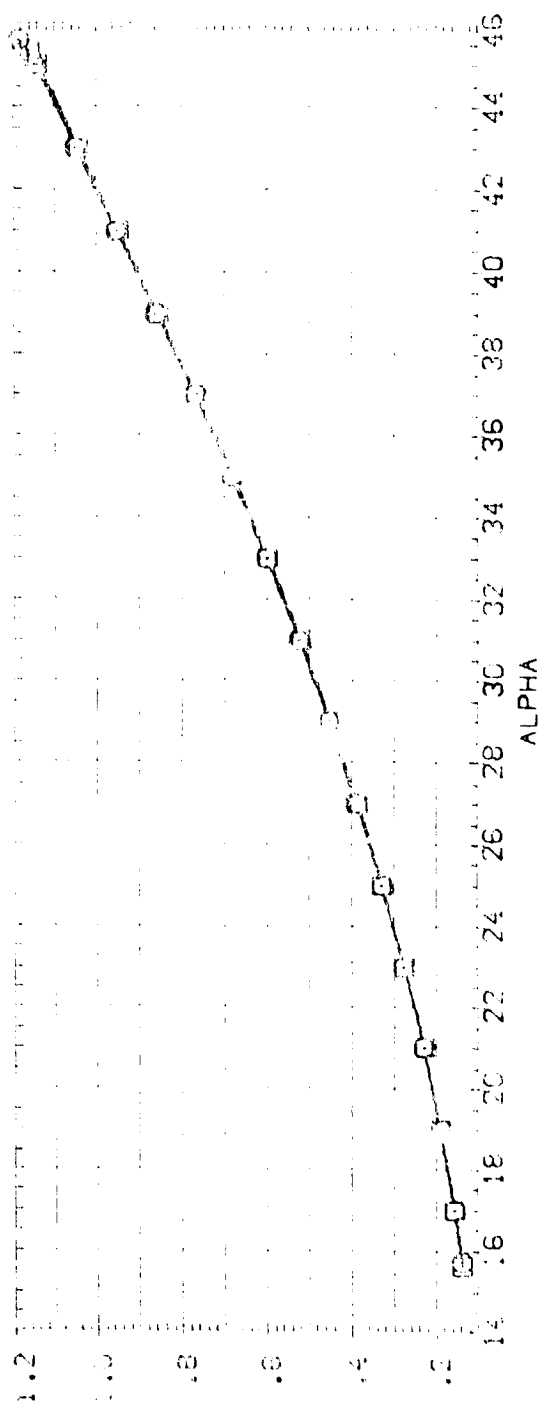
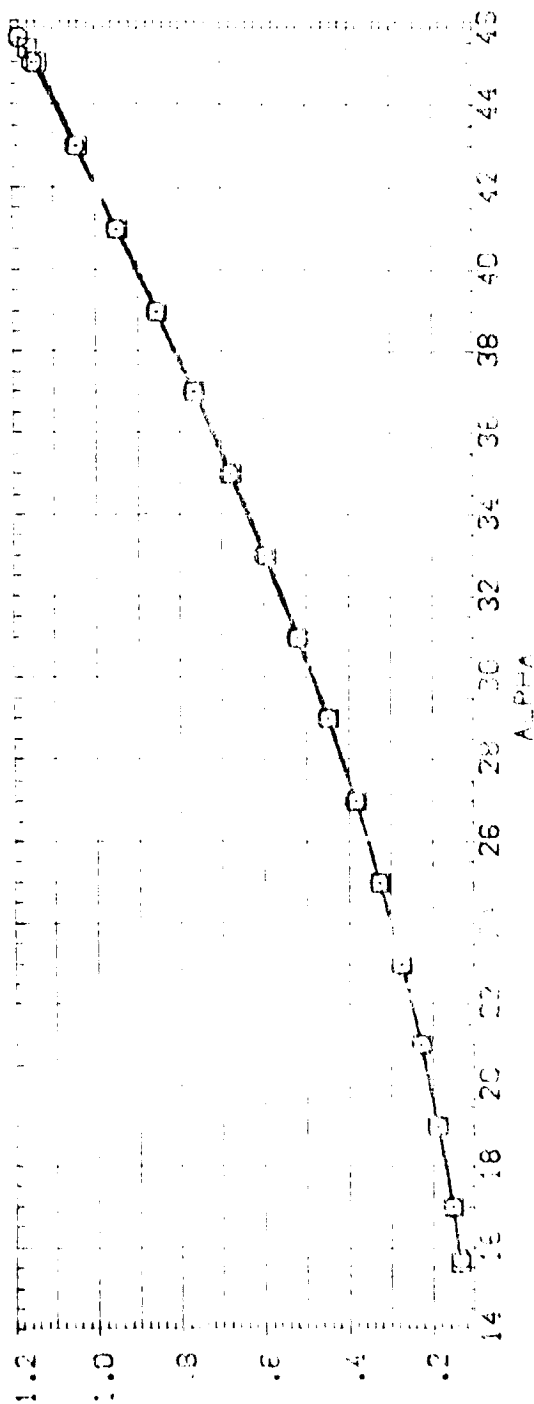


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.0

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RVL	ELEVTR	BOFLAP	SPOBRK	REFERENCE INCHES	ION
(BIN842)	AEDC VA174(0A77/78) (B26C9-7H7) (V116E26)(V895)	5.600	10.000	.000	55.000	87.1560	50. IN.
(BIN843)	AEDC VA174(0A77/78) (B26C9-7H7) (V116E26)(V895)	2.900	10.000	.000	55.000	7.1220	INCHES
						14.0520	INCHES
						12.6250	INCHES
						.0000	INCHES
						-.3750	INCHES
						.0150	INCHES

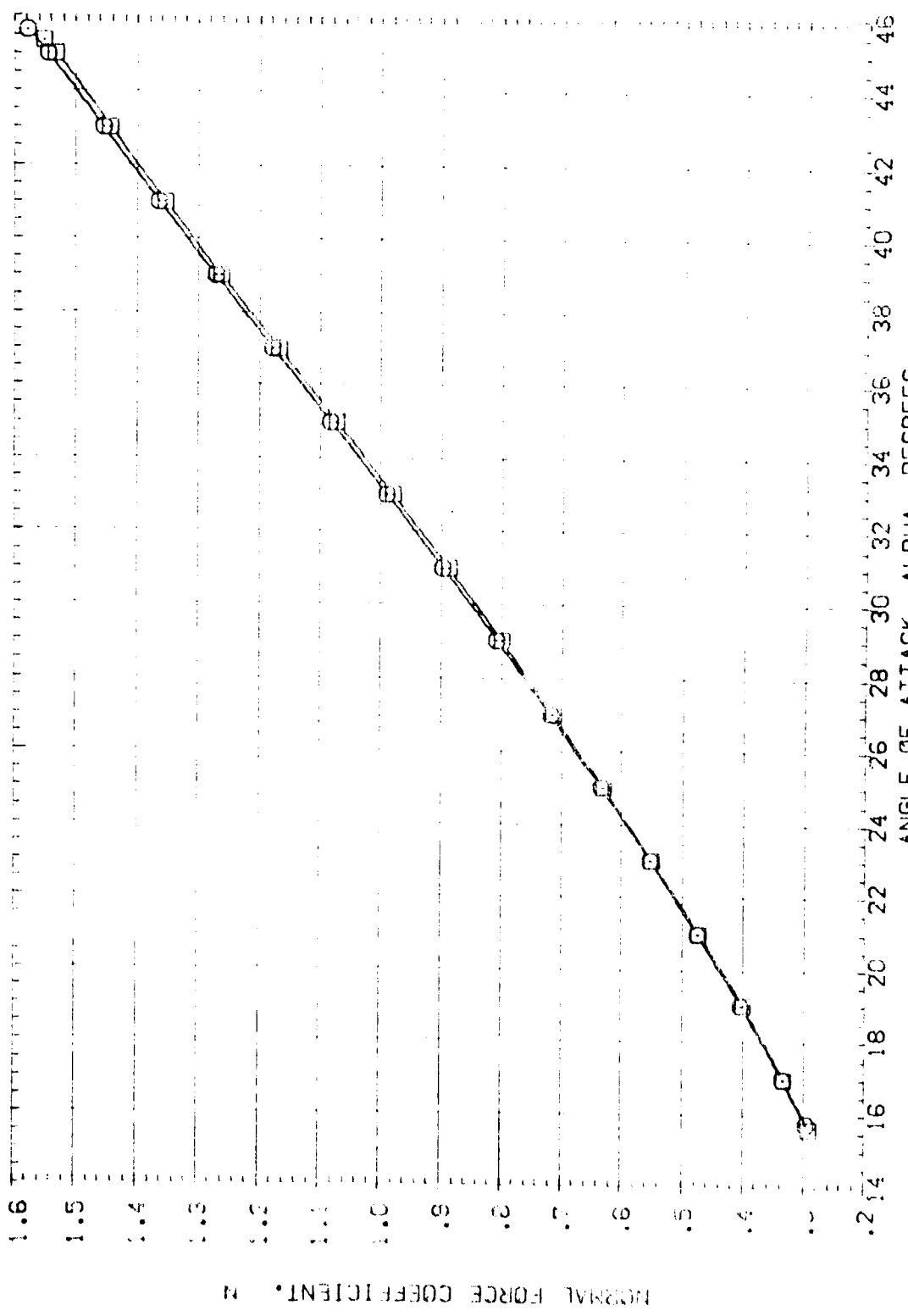


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0
 CDMACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(B1N842) AEDC VA474(0A77/78) (B26C97M7)(W116E26)(VBR5)
 (B1N843) AEDC VA474(0A77/78) (B26C97M7)(W116E26)(VBR5)

RN/L 5.600 2.900
 ELEVTR 10.000 10.000
 BOFLAP .000 .000
 SPDGRK 55.000 55.000

REFERENCE INFORMATION
 SREF 87.1560 SQ. IN.
 LREF 7.11220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE 0.150

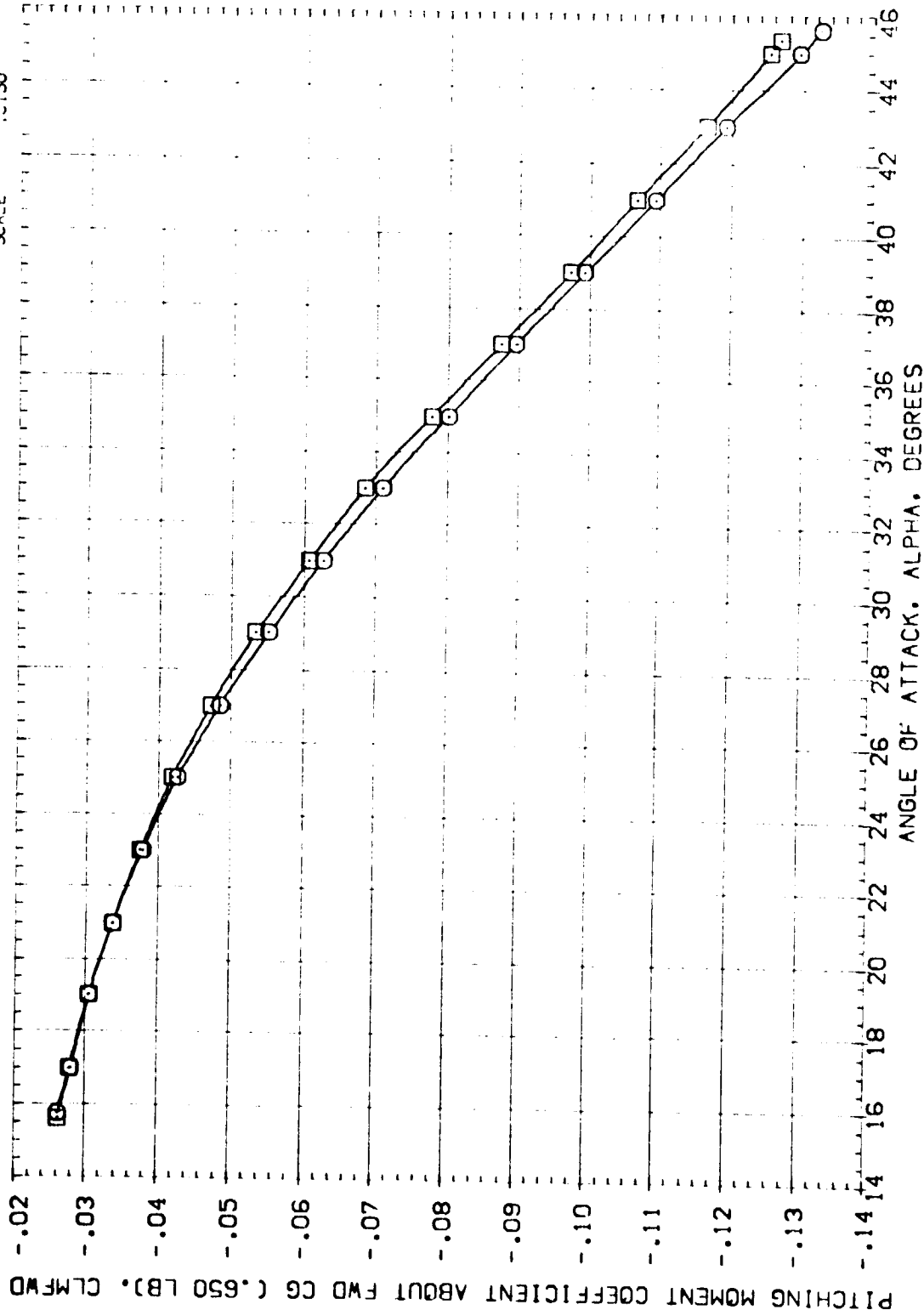


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDRBK	REFERENCE INFORMATION			
(BTNG42)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	5.600	10.000	.000	55.000	SREF	87.1550	50. IN.	
(BTNG43)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	2.900	10.000	.000	55.000	LREF	7.1220	INCHES	
						BREF	14.0520	INCHES	
						XMRP	12.6250	INCHES	
						YMRP	.0000	INCHES	
						ZMRP	-.3750	INCHES	
						SCALE	.0150		

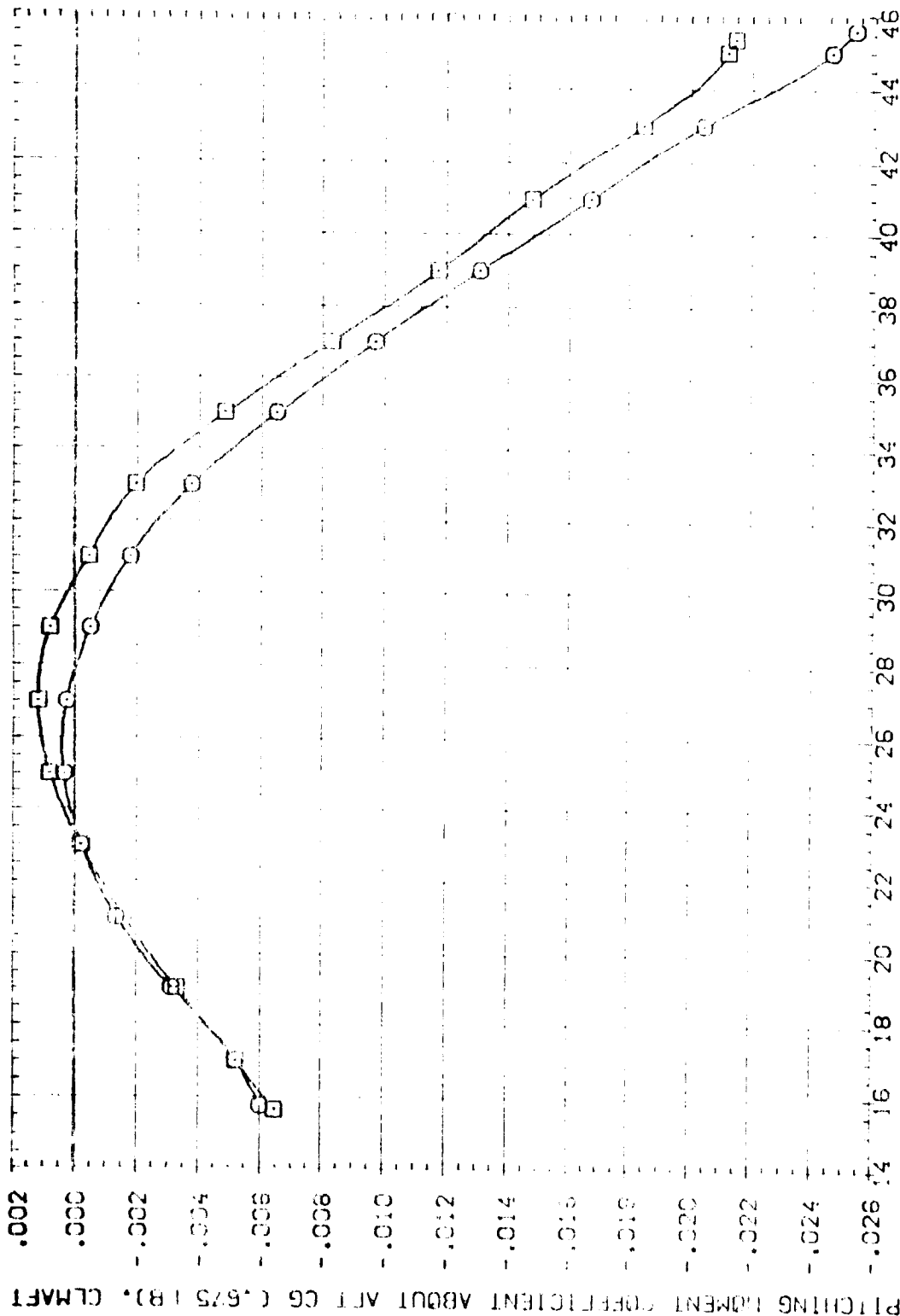


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(B1A942) AEDE VA474(0A77/78) (B26C9F7H7)(W116E26)(V8R5)
 (B1A943) AEDE VA474(0A77/78) (B26C9F7H7)(W116E26)(V8R5)

RN/L 5.600
 2.900

ELEVIR 10.000
 10.000

BOFLAP .000
 .000

SPDBRK 55.000
 55.000

REFERENCE INFORMATION
 SPREF 87.1560 SQ. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

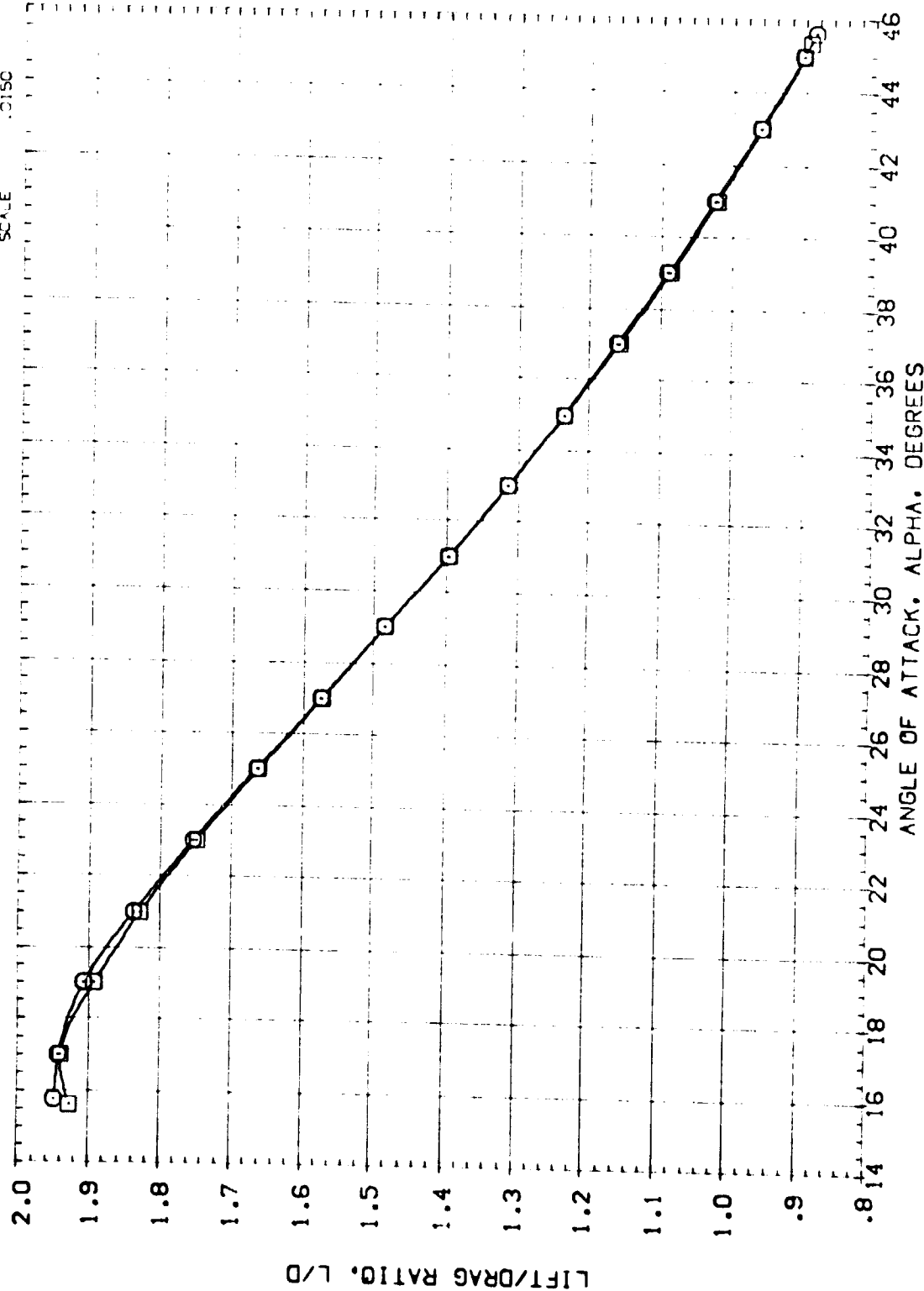


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONF	IGURATION DESCRIPTION	RV/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
(BTNB12)	AEDC	VA474(DA77/78) (B26C9F7H7)(V116E26)(V89S)	5.600	10.000	.000	55.000	SREF 87.1560 50.1N
(BTNB13)	AEDC	VA474(DA77/78) (B26C9F7H7)(V116E26)(V89S)	2.900	10.000	.000	55.000	LREF 7.1220 INCHES
							BREF 14.0520 INCHES
							XMPP 12.6250 INCHES
							YMPP .0000 INCHES
							ZMPP -.3750 INCHES
							SCALE .0150

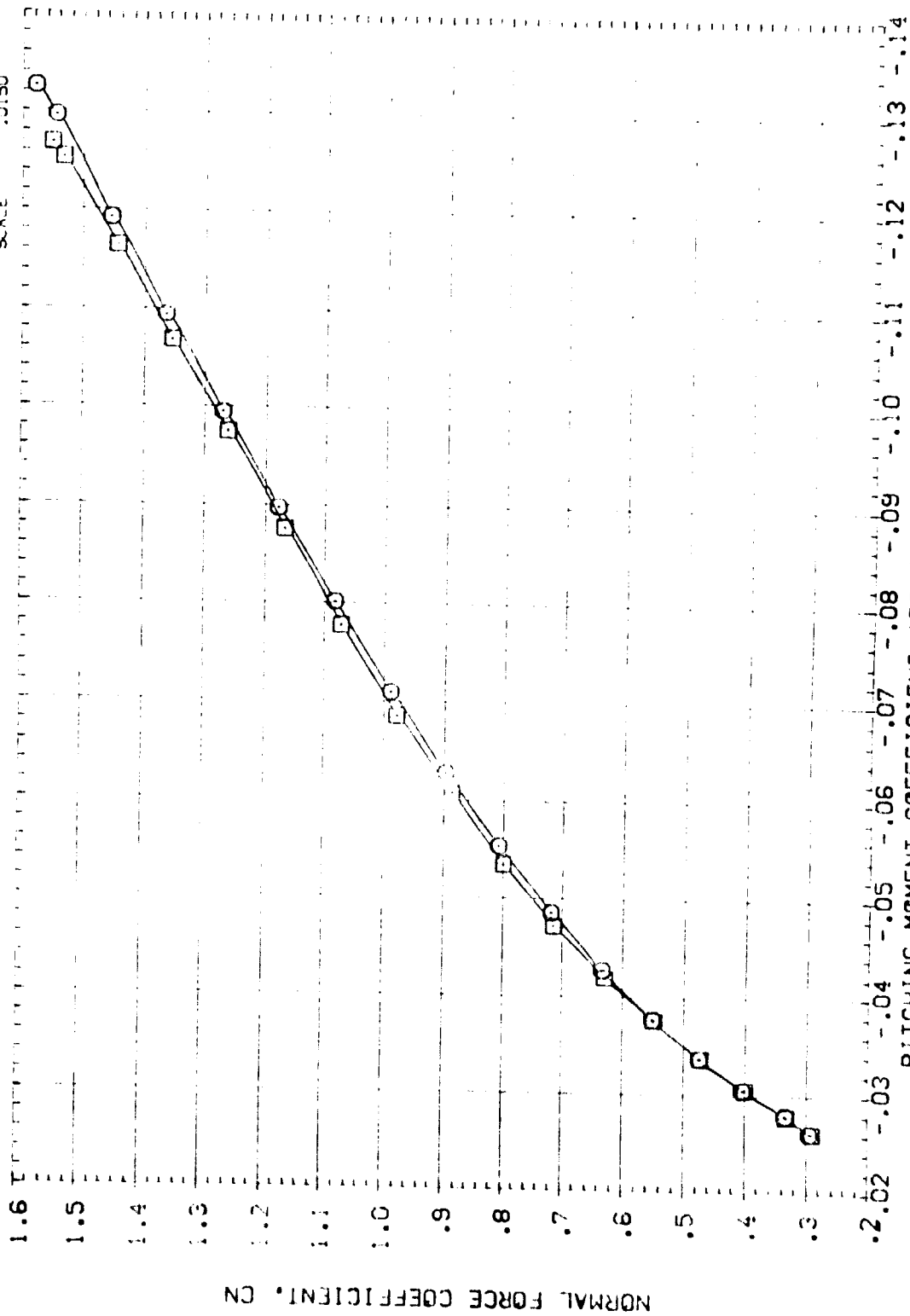


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(C)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDF LAP	SPOBRK	REFERENCE INFORMATION
(B1N812)	AEDC VA474(DA77/78) (B26C95747)(V116E26)(V8R5)	5.600	10.000	.000	55.000	SREF 87.1560 50. IN.
(B1N813)	AEDC VA474(DA77/78) (B26C95747)(V116E26)(V8R5)	2.900	10.000	.000	55.000	LREF 7.1220 10. IN.
						BREF 14.0520 10. IN.
						YMRP 12.6250 10. IN.
						ZMRP .0000 10. IN.
						SCALE 10150

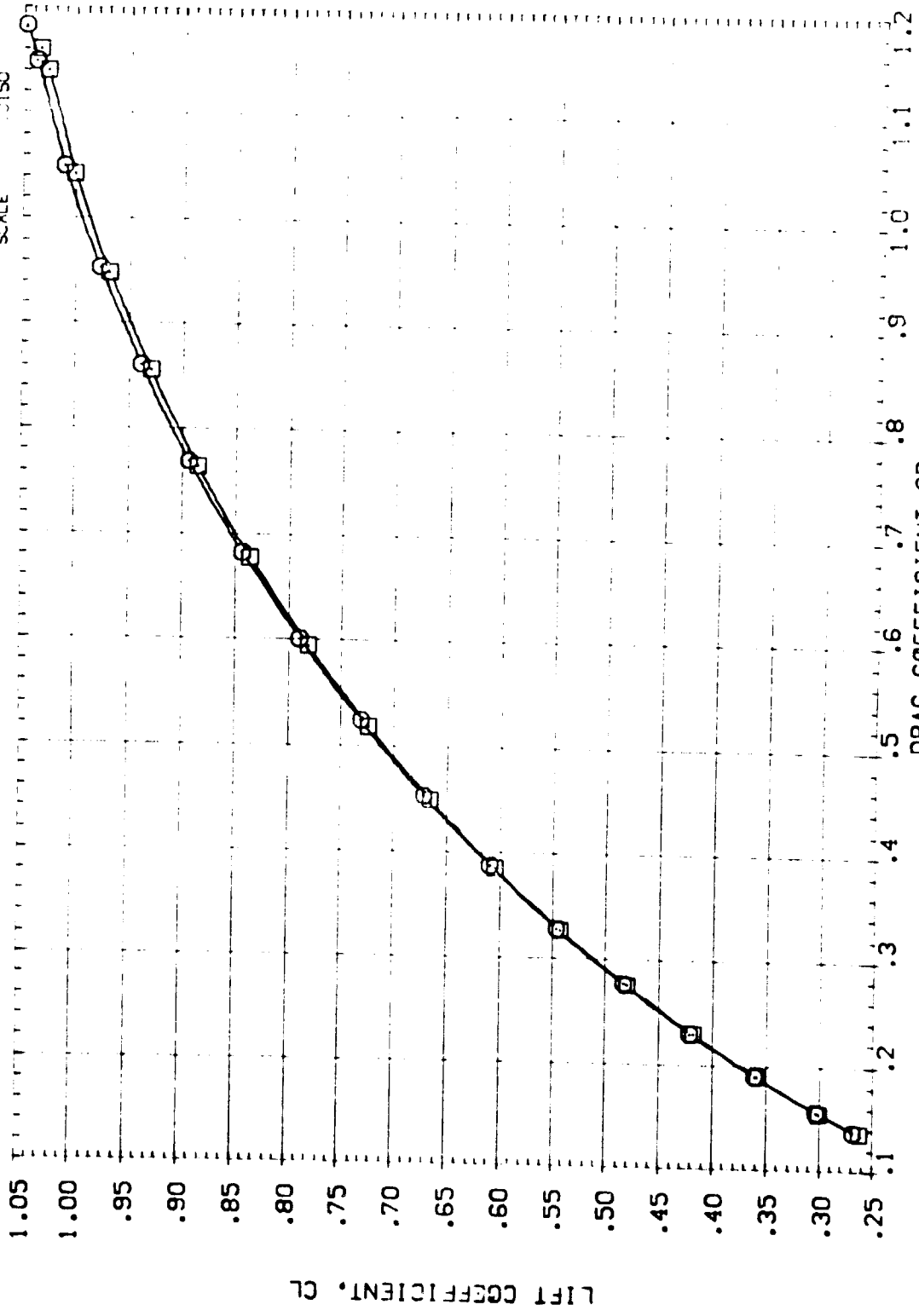


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BD/LAP	SPDBRK	REFERENCE INFORMATION
(B1NB42)	AEDC VA474(0-77/78) (B2603F 747) (W116226) (VBR5)	5.600	10.000	.000	55.000	SREF 87.1560 SQ. IN.
(B1NB43)	AEDC VA474(0-77/79) (B2603F 747) (W116226) (VBR5)	2.900	10.000	.000	55.000	LREF 7.1220 INCHES
						BREF 14.0520 INCHES
						XPROP 12.6250 INCHES
						YPROP .0000 INCHES
						ZPROP -.3750 INCHES
						SCALE .0150

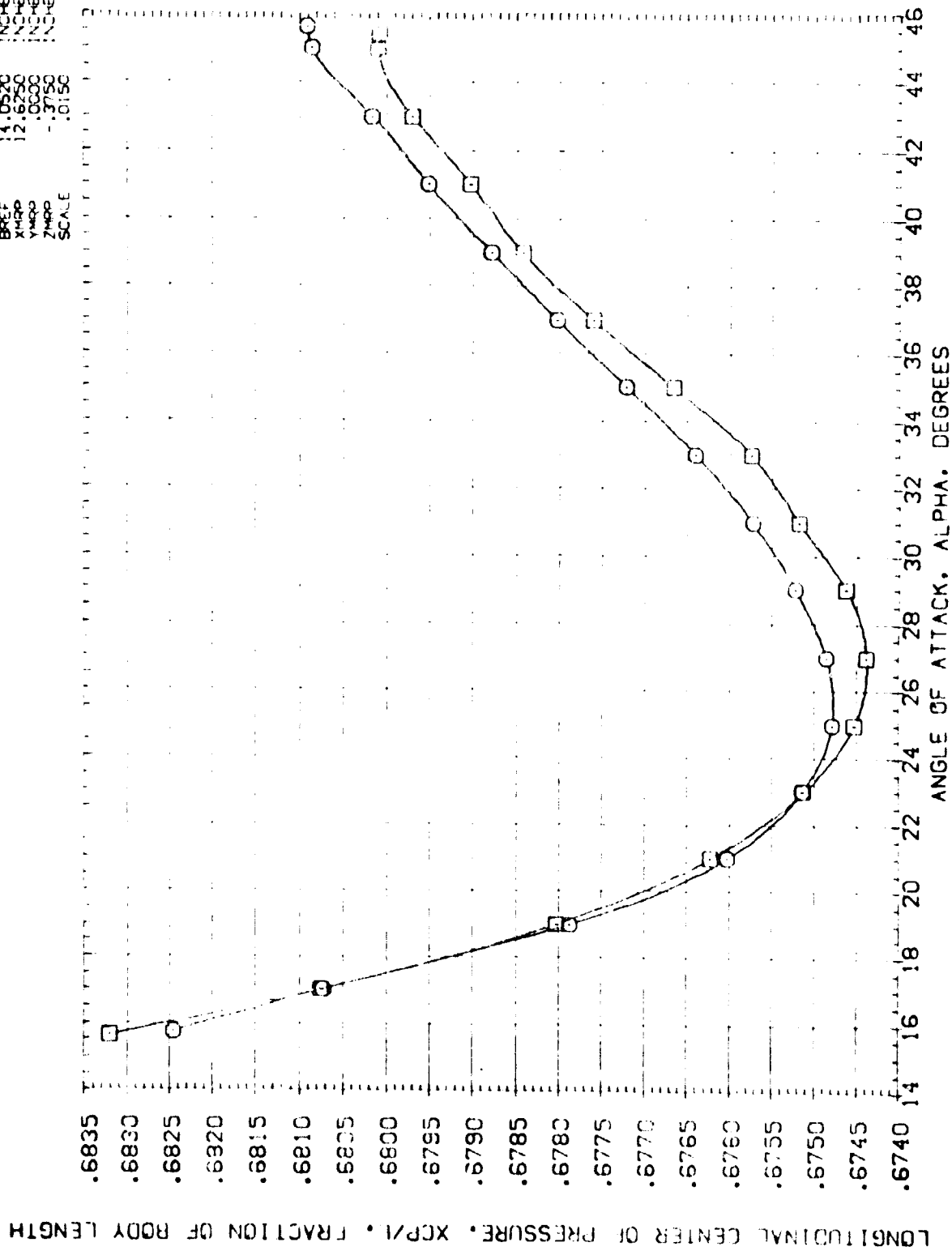


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BDFLAP	SPDBRK	REFERENCE INFORMATION
(BTNG47)	AEDC VA474(CA77/78) (B26C9F7M7) (V115E26) (V8R5)	5.600	.000	15.300	55.000	SREF 87.1560 INCHES
(BTNG48)	AEDC VA474(CA77/78) (B26C9F7M7) (V115E26) (V8R5)	2.800	.000	15.300	55.000	LREF 71.1220 INCHES
(BTNG51)	AEDC VA474(CA77/78) (B26C9F7M7) (V115E26) (V8R5)	5.600	10.000	15.300	55.000	BREF 14.0520 INCHES
(BTNG52)	AEDC VA474(CA77/78) (B26C9F7M7) (V115E26) (V8R5)	2.800	10.000	15.300	55.000	XMRP 12.6250 INCHES
(BTNG61)	AEDC VA474(CA77/78) (B26C9F7M7) (V115E26) (V8R5)	.000	10.000	15.300	55.000	YMRP .0000 INCHES
(BTNG62)	AEDC VA474(CA77/78) (B26C9F7M7) (V115E26) (V8R5)	.000	10.000	15.300	55.000	ZMRP -.3750 INCHES
						SCALE .0150

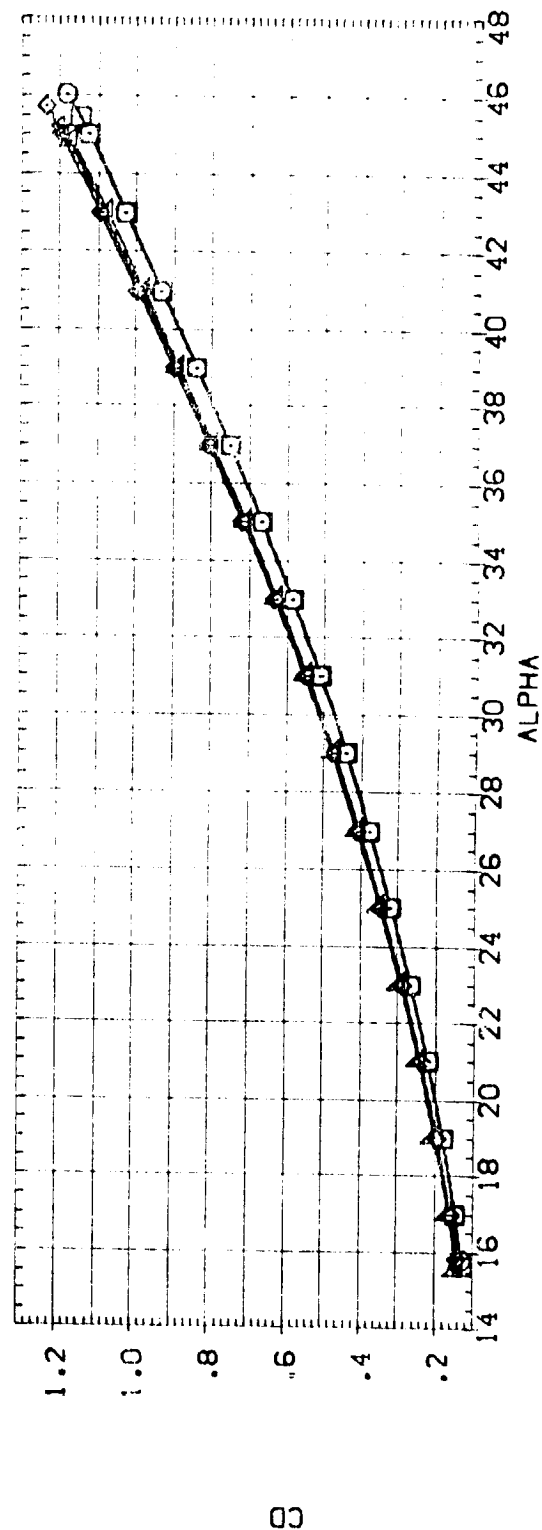
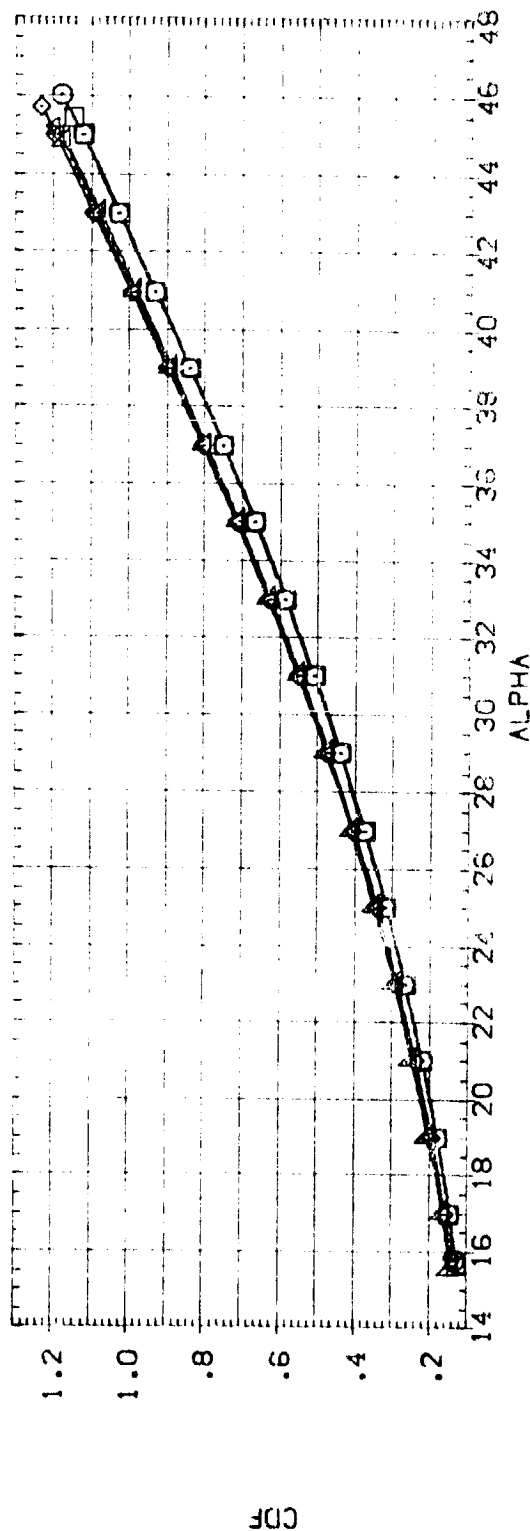


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A)MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDRK	REFERENCE INFORMATION
(B1N847)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.600	.000	16.300	55.000	SREF 80.1560 SC.11.5
(B1N848)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	2.900	.000	16.300	55.000	LSREF 14.1220 INCHES
(B1N857)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	5.600	10.000	16.300	55.000	LSREF 14.1220 INCHES
(B1N858)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	2.900	10.000	16.300	55.000	LSREF 14.1220 INCHES
(B1N860)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	.800	10.000	16.300	55.000	LSREF 14.1220 INCHES

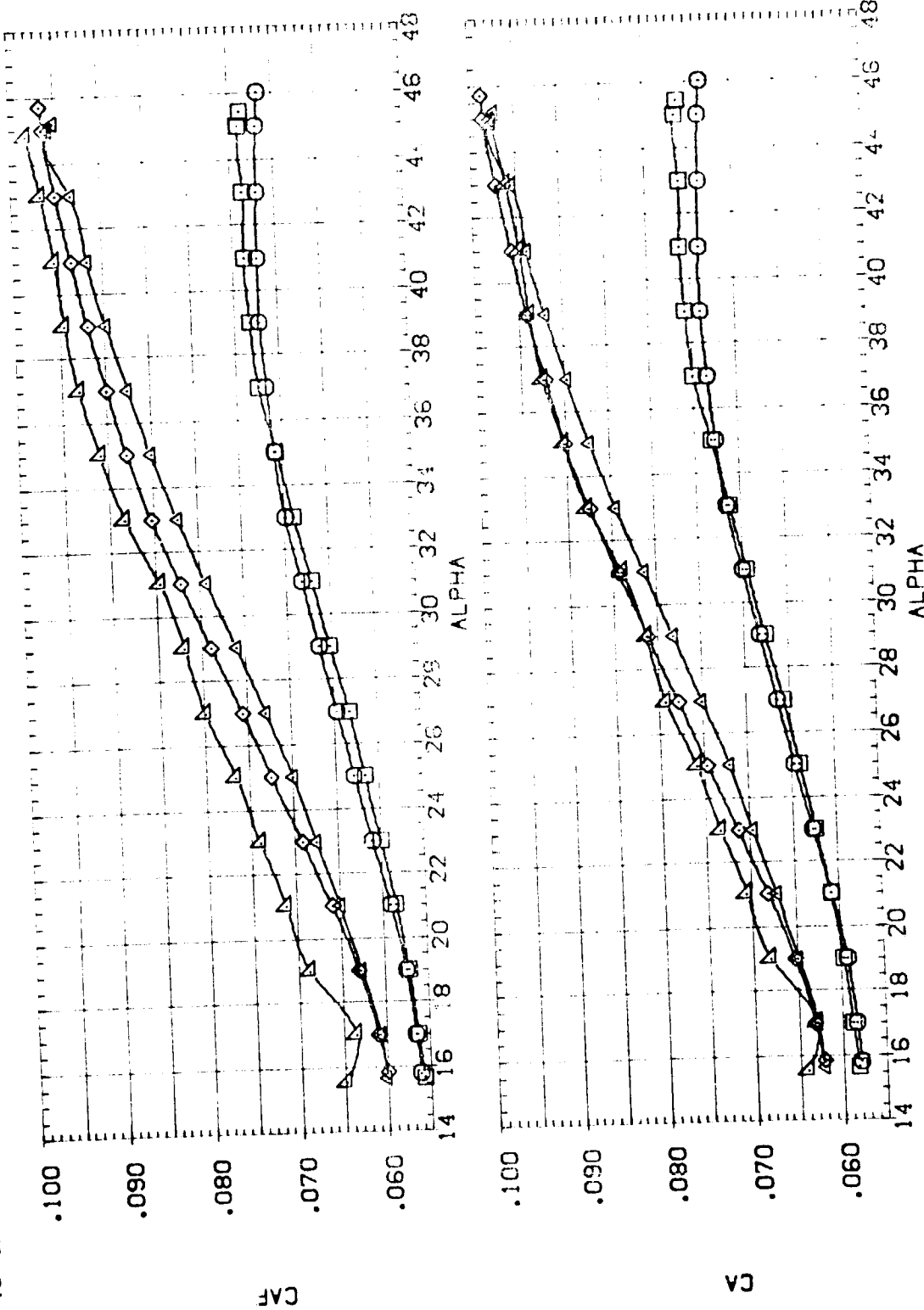


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDF LAP	SPDRBK	REFERENCE INFORMATION	SO. IN.
(BTN947)	AEDC VA474(OA77/78) (B26C9-7M7) (V) (16E26) (VBRS)	5.600	.000	16.300	55.000	SREF	87.1560
(BTN948)	AEDC VA474(OA77/78) (B26C9-7M7) (V) (16E26) (VBRS)	2.900	.000	16.300	55.000	LREF	7.1270
(BTN957)	AEDC VA474(OA77/78) (B26C9-7M7) (V) (16E26) (VBRS)	5.600	10.000	16.300	55.000	BREF	14.0520
(BTN958)	AEDC VA474(OA77/78) (B26C9-7M7) (V) (16E26) (VBRS)	2.900	0.000	16.300	55.000	YMRP	12.6250
(BTN060)	AEDC VA474(OA77/78) (B26C9-7M7) (V) (16E26) (VBRS)	.800	10.000	16.300	55.000	ZMRP	.0500
						SCALE	.0150

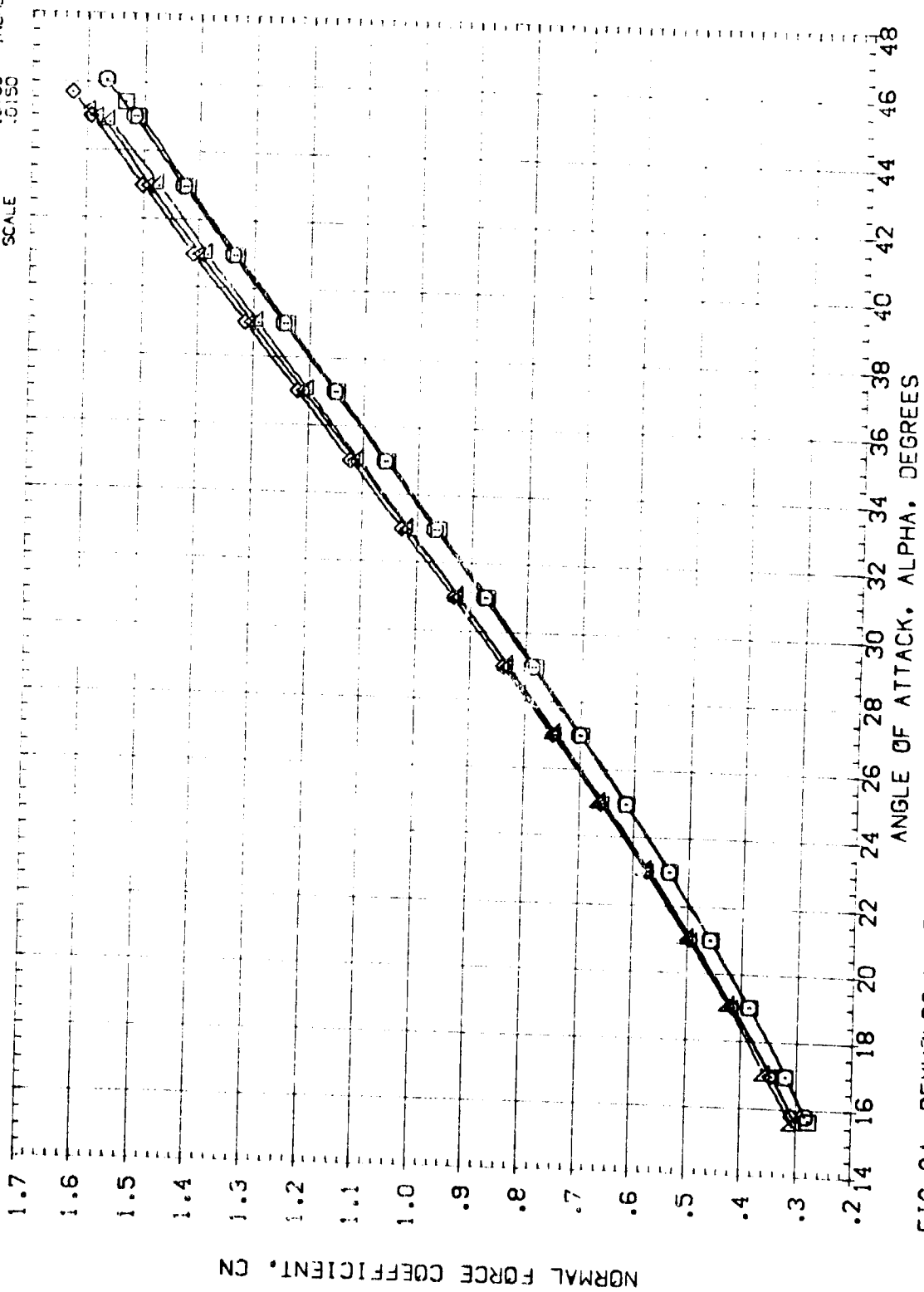
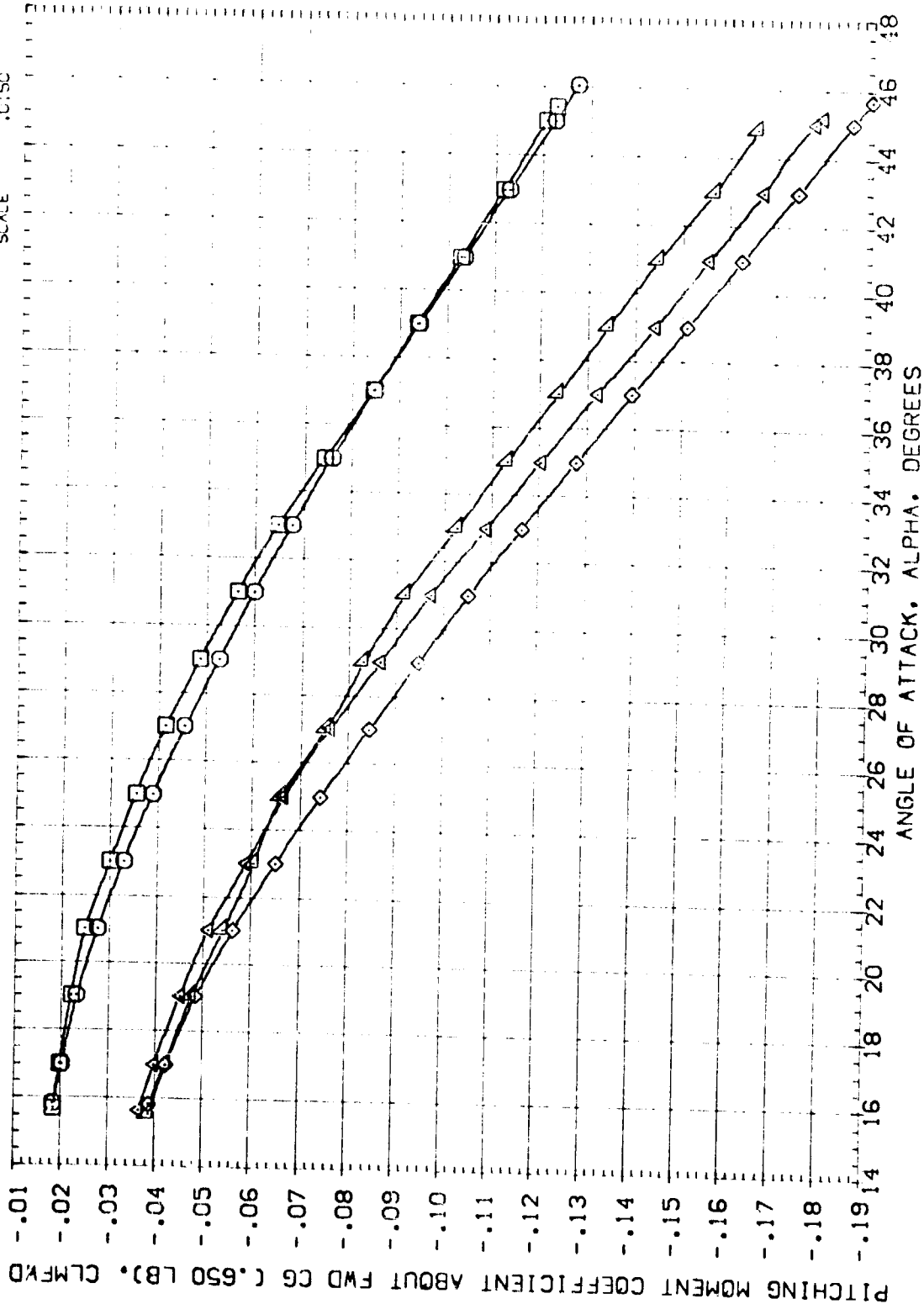


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0
 (A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(B1N847)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.600	.000	16.300	35.000	SREF 87.1560 SQ. IN.
(B1N848)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	2.900	.000	16.300	55.000	LREF 7.1220 INCHES
(B1N857)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	5.600	10.000	16.300	55.000	BREF 14.0520 INCHES
(B1N858)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	2.900	10.000	16.300	55.000	XMRP 12.6250 INCHES
(B1N860)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.800	10.000	16.300	55.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE 10:50



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RV/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(B'N847)	AEDC VA474 (CA77/78) (B26C9-7M7) (V116E26) (VBR5)	5.600	.000	16.300	55.000	SREF 87.1560 SQ. IN.
(B'N848)	AEDC VA474 (CA77/78) (B26C9-7M7) (V116E26) (VBR5)	2.900	.000	16.300	55.000	LREF 7.1220 INCHES
(B'N857)	AEDC VA474 (CA77/78) (B26C9-7M7) (V116E26) (VBR5)	5.600	10.000	16.300	55.000	BREF 14.0520 INCHES
(B'N858)	AEDC VA474 (CA77/78) (B26C9-7M7) (V116E26) (VBR5)	2.900	10.000	16.300	55.000	XM20 2.6750 INCHES
(B'N860)	AEDC VA474 (CA77/78) (B26C9-7M7) (V116E26) (VBR5)	.800	10.000	16.300	55.000	YM20 .0000 INCHES
						ZM20 -.3750 INCHES
						SCALE 0.150

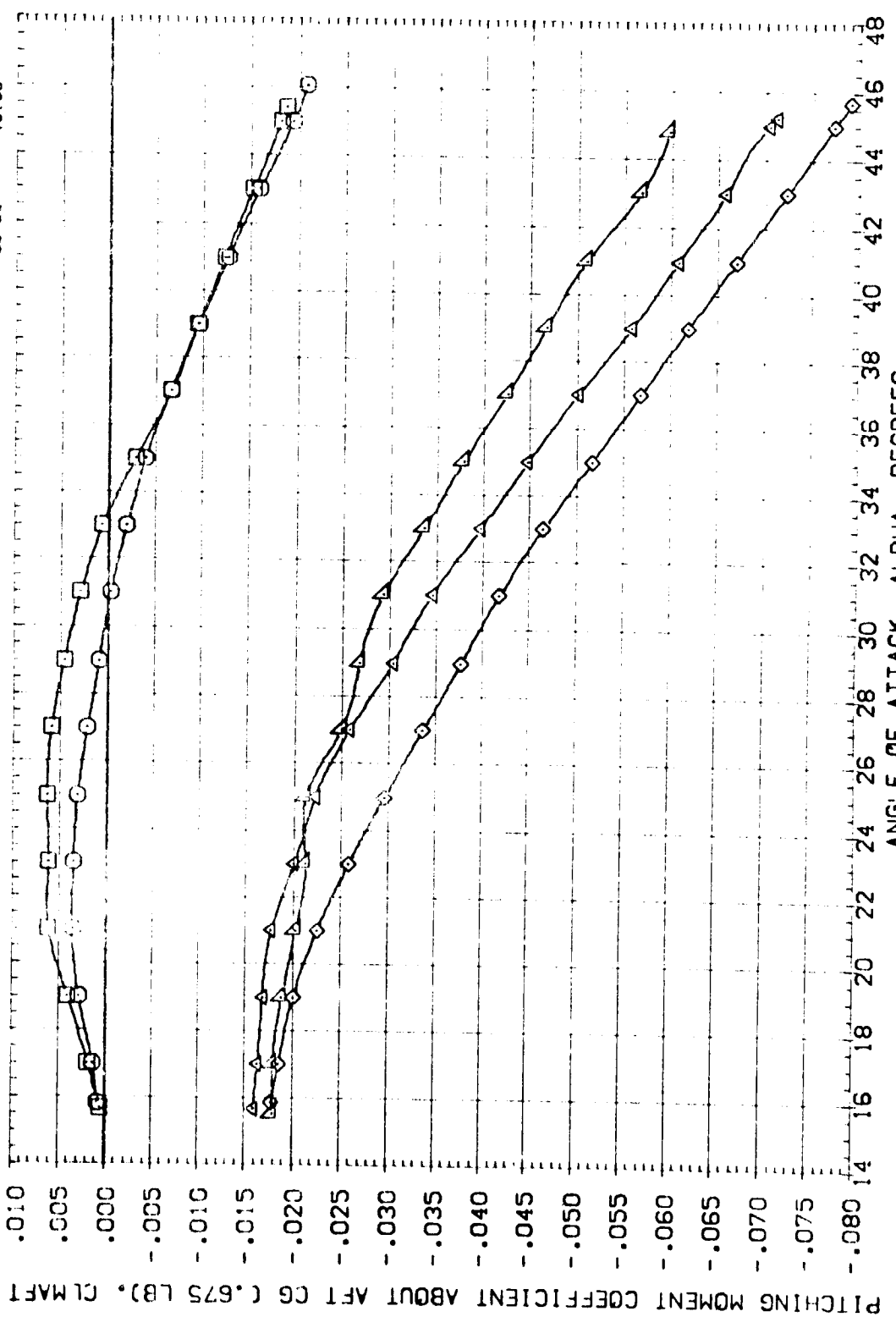


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

CALMACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(B1N947)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.600	.000	16.300	55.000	SREF 87.1560 SO. IN.
(B1N948)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	2.900	.000	16.300	55.000	LREF 7.1220 INCHES
(B1N957)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	5.600	10.000	16.300	55.000	BREF 14.0520 INCHES
(B1N958)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	2.900	10.000	16.300	55.000	XMRP 12.6250 INCHES
(B1N063)	AEDC VA474(CA77/78) (B26C9F7M7) (V116E26) (VBR5)	.800	10.000	16.300	55.000	ZMRP .0000 INCHES
						SCALE .0150 INCHES

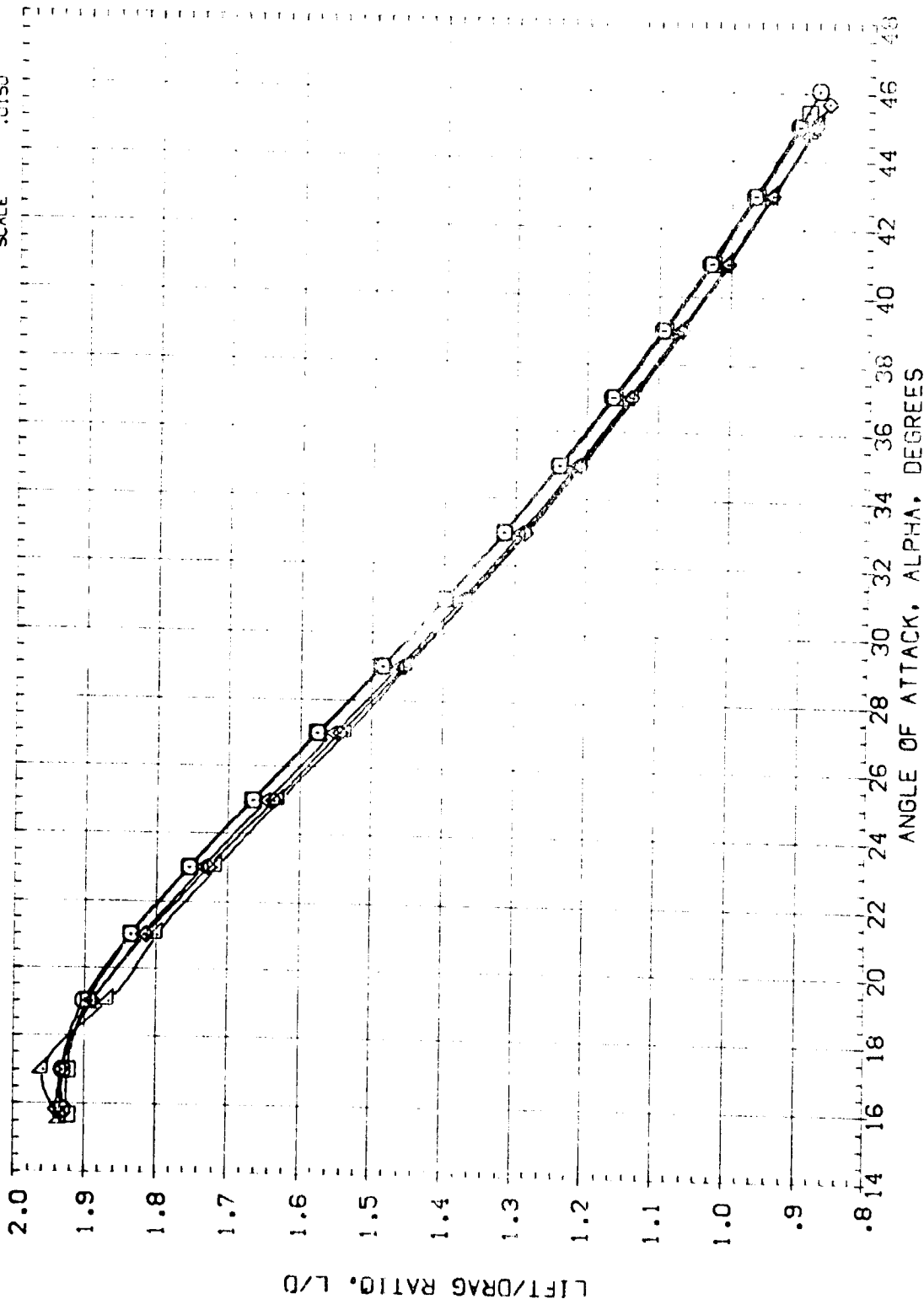


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
[37N847]	AEDC VA474(0A77.78) [B26C97M7] [V] [16E26] (VBRS)	5.600	.000	16.300	55.000	SREF 87.1560 SC.IN.
[37N848]	AEDC VA474(0A77.78) [B26C97M7] [V] [16E26] (VBRS)	2.900	.000	16.300	55.000	LREF 7.1220 INCHES
[37N857]	AEDC VA474(0A77.78) [B26C97M7] [V] [16E26] (VBRS)	5.600	10.000	16.300	55.000	BREF 14.0320 INCHES
[37N858]	AEDC VA474(0A77.78) [B26C97M7] [V] [16E26] (VBRS)	2.900	10.000	16.300	55.000	XMREF 12.6380 INCHES
[37N860]	AEDC VA474(0A77.78) [B26C97M7] [V] [16E26] (VBRS)	.600	10.000	16.300	55.000	YMREF .0000 INCHES
						ZMREF .3750 INCHES
						SCALE .0100

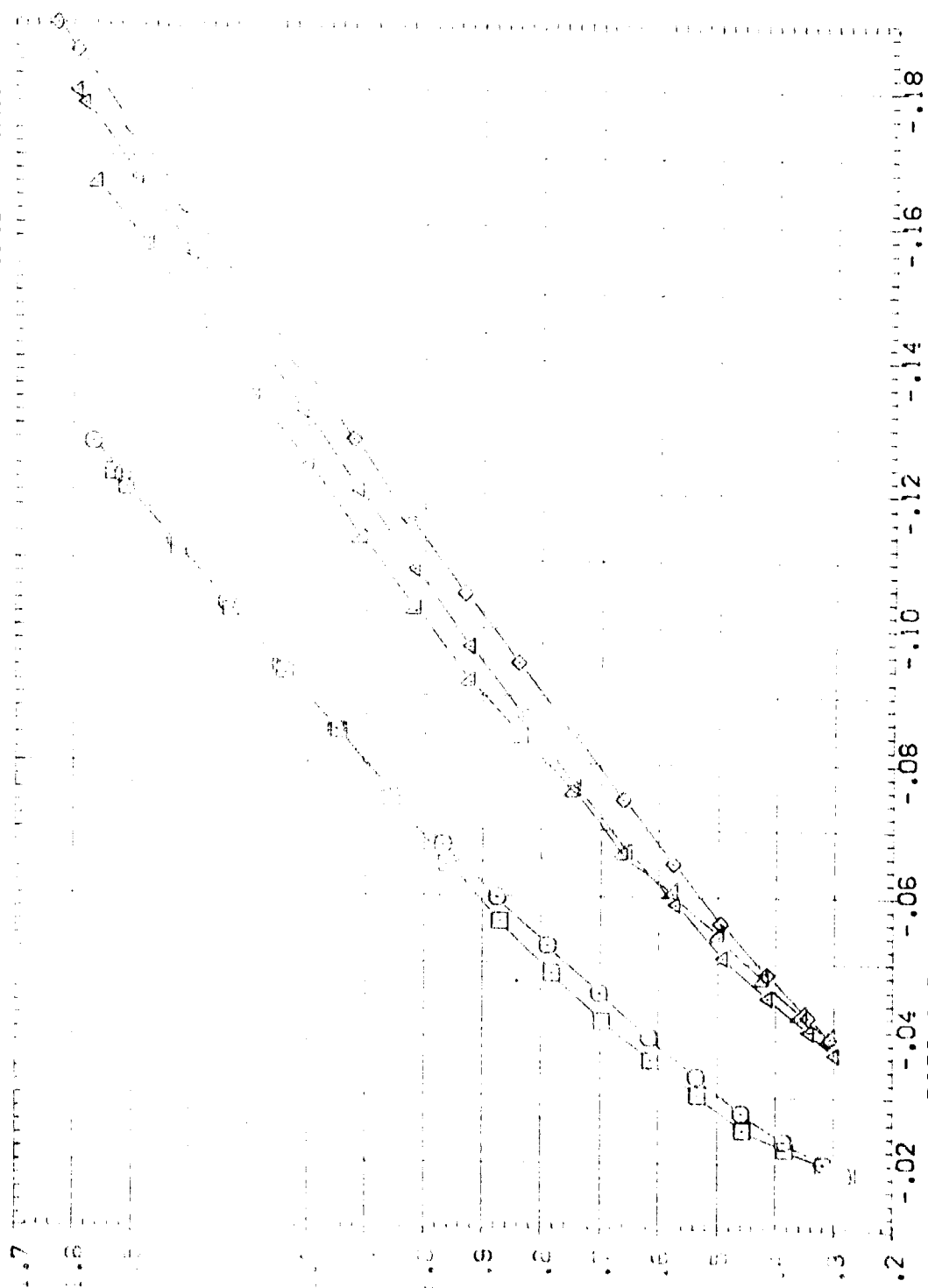


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0
 PITCHING MOMENT COEFFICIENT ABOUT FWD CG (.650 LB). CLMFW

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SP08RK	REFERENCE INFORMATION
(B1N847)	AEDC VA474(CA77/78) (S26C9F7M7) (V116E26) (V8RS)	5.600	.000	16.300	55.000	SREF 87.1560 50. IN.
(B1N848)	AEDC VA474(CA77/78) (S26C9F7M7) (V116E26) (V8RS)	2.900	.000	16.300	55.000	LREF 7.1220 INCHES
(B1N857)	AEDC VA474(CA77/78) (S26C9F7M7) (V116E26) (V8RS)	5.600	10.000	16.300	55.000	BREF 14.0520 INCHES
(B1N858)	AEDC VA474(CA77/78) (S26C9F7M7) (V116E26) (V8RS)	2.900	10.000	16.300	55.000	XMRP 12.6250 INCHES
(B1N860)	AEDC VA474(CA77/78) (S26C9F7M7) (V116E26) (V8RS)	.800	10.000	16.300	55.000	YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

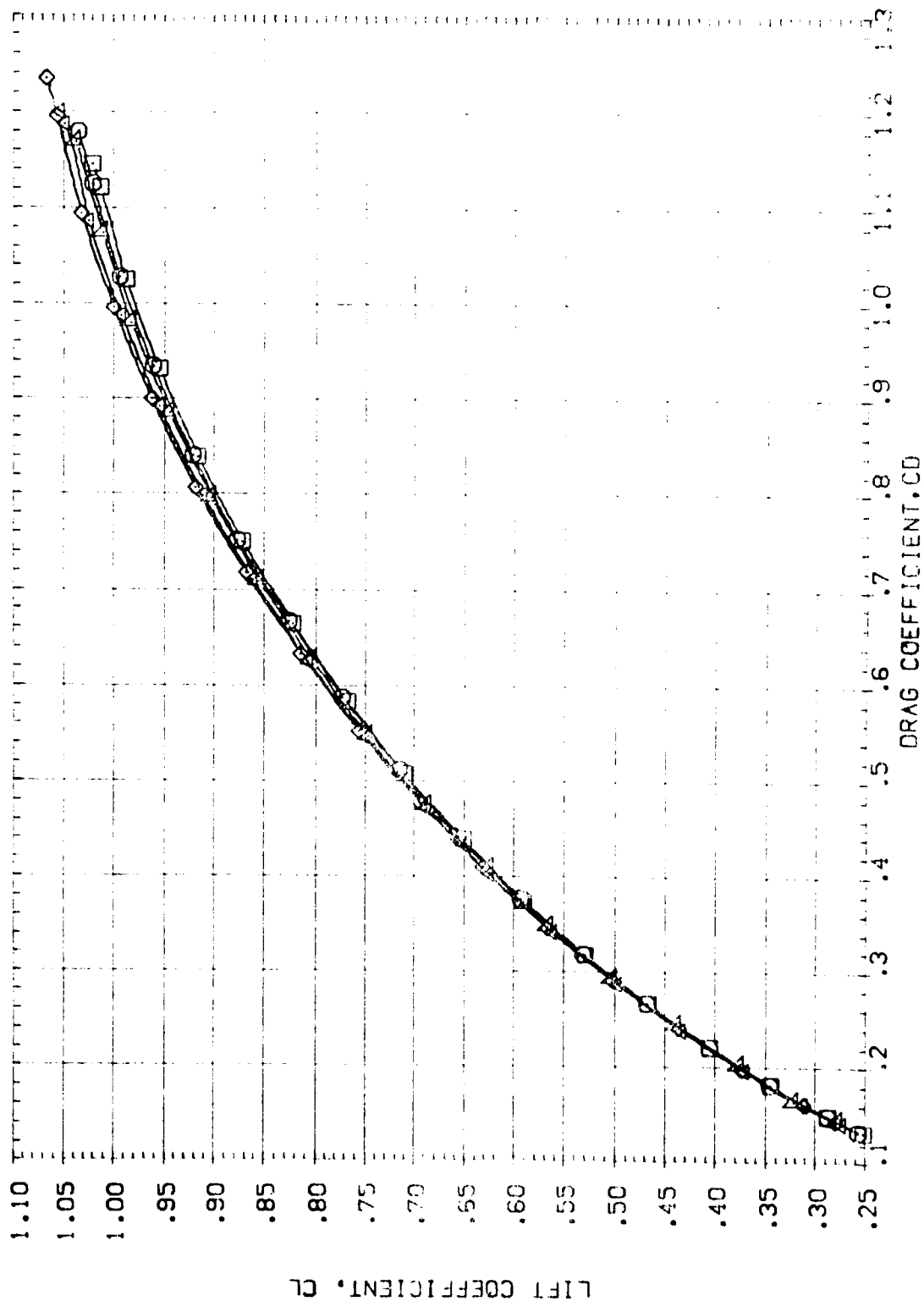


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0

(A) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(B)N47	AEDC VA474(0A77/78) (P26C9F7M7) (V) (6E26) (VBR5)	5.600	.000	6.300	55.000	87.1560 SQ. IN.
(B)N48	AEDC VA474(0A77/78) (P26C9F7M7) (V) (6E26) (VBR5)	2.900	.000	6.300	55.000	7.1220 CHES
(B)N49	AEDC VA474(0A77/78) (P26C9F7M7) (V) (6E26) (VBR5)	5.600	10.000	6.300	55.000	14.0320 CHES
(B)N50	AEDC VA474(0A77/78) (P26C9F7M7) (V) (6E26) (VBR5)	2.900	10.000	6.300	55.000	12.1820 CHES
(B)N51	AEDC VA474(0A77/78) (P26C9F7M7) (V) (6E26) (VBR5)	.300	10.000	6.300	55.000	7.4230 CHES
						7.4230 CHES
						50.110

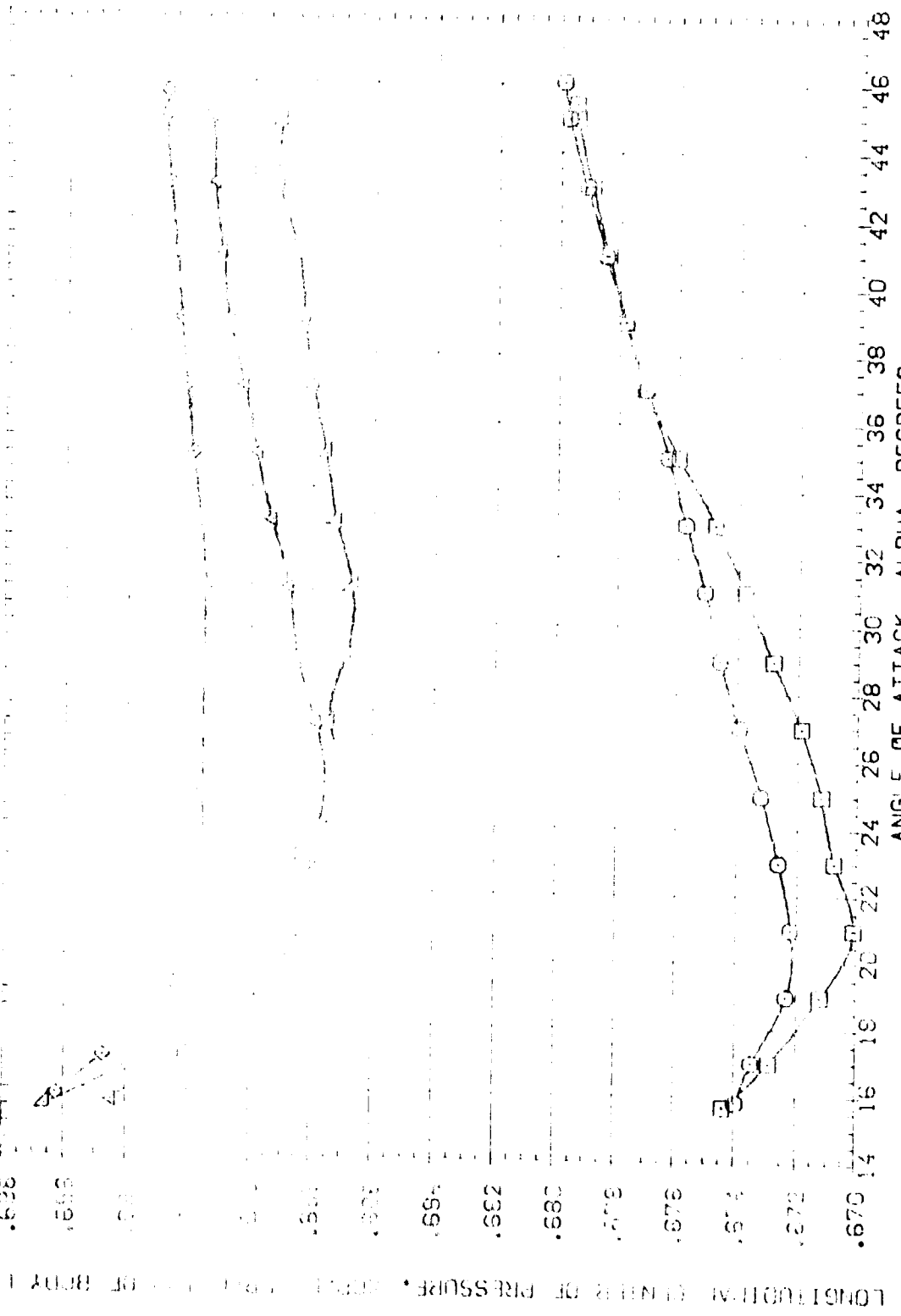


FIG 24 REYNOLDS NUMBER EFFECT, MACH = 8.0
(*) MACH = 8.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RNVL	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(BTNC02)	AEDC VA474(OA77/78) (B26C9F7M7)(V116E26)(V8R5)	3.000	-40.000	-11.700	55.000	SREF 87.1560 SQ.IN.
(BTNC03)	AEDC VA474(OA77/78) (B26C9F7M7)(V11E 26)(V8R5)	1.300	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(BTNC12)	AEDC VA474(OA77/78) (B26C9F7M7)(V11E 26)(V8R5)	3.000	.000	-11.700	55.000	BREF 14.0520 INCHES
(BTNC13)	AEDC VA474(OA77/78) (B26C9F7M7)(V11E 26)(V8R5)	1.300	.000	-11.700	55.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE 10.50

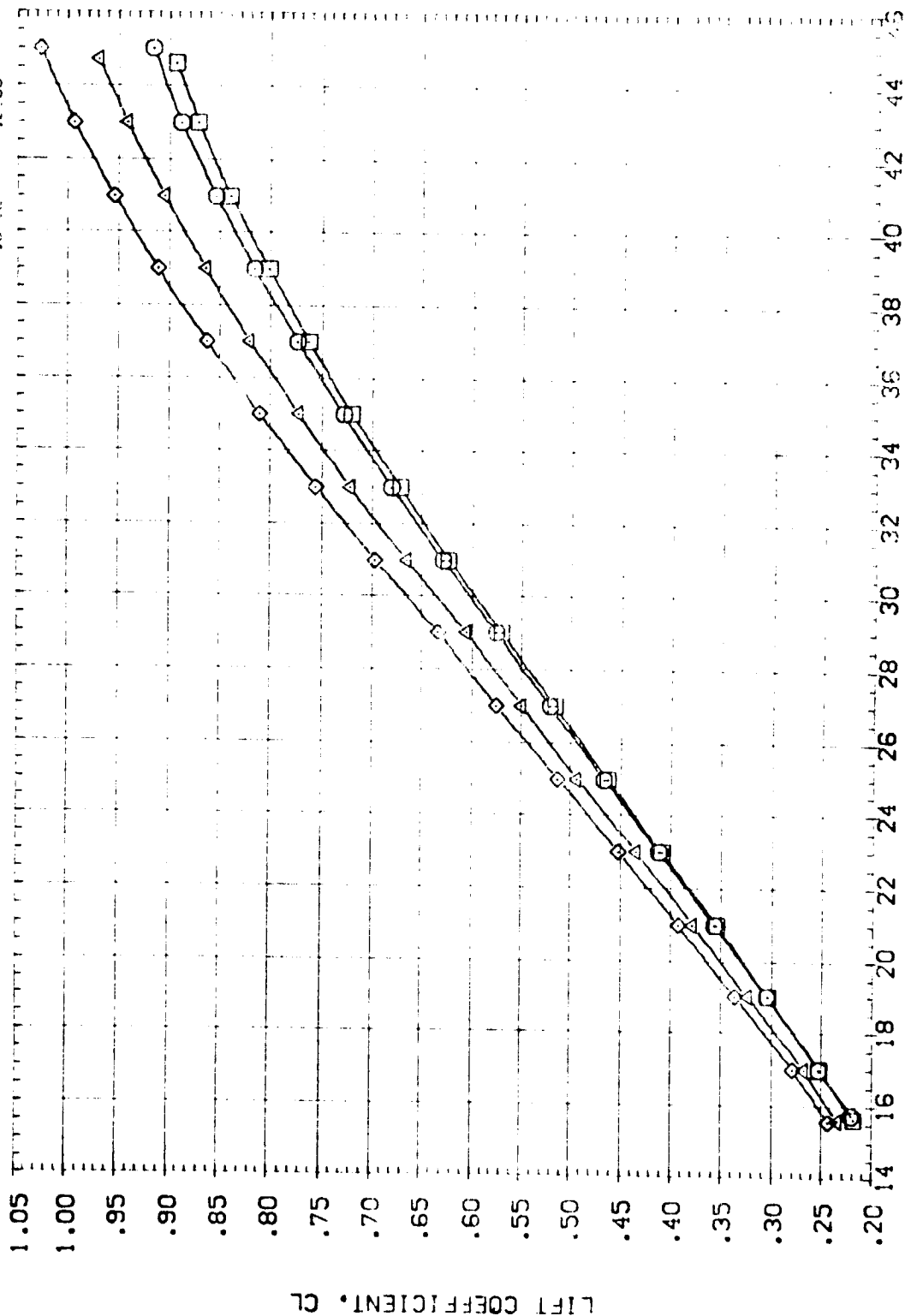


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BDFLAP	SPOORX	REFERENCE INFORMATION
(BTNC03)	AEDC VA474(DA) (B) (B2639-7M7) (V) (B263) (V8P5)	3.000	-40.000	-11.700	55.000	87.156C 50.1IN.
(BTNC03)	AEDC VA474(DA) (B) (B2639-7M7) (V) (B263) (V8P5)	1.300	-40.000	-11.700	55.000	7.1220 INCHES
(BTNC03)	AEDC VA474(DA) (B) (B2639-7M7) (V) (B263) (V8P5)	3.000	.000	-11.700	55.000	14.0520 INCHES
(BTNC03)	AEDC VA474(DA) (B) (B2639-7M7) (V) (B263) (V8P5)	1.300	.000	-11.700	55.000	12.6000 INCHES
						YAW 00
						SCALE
						10.150

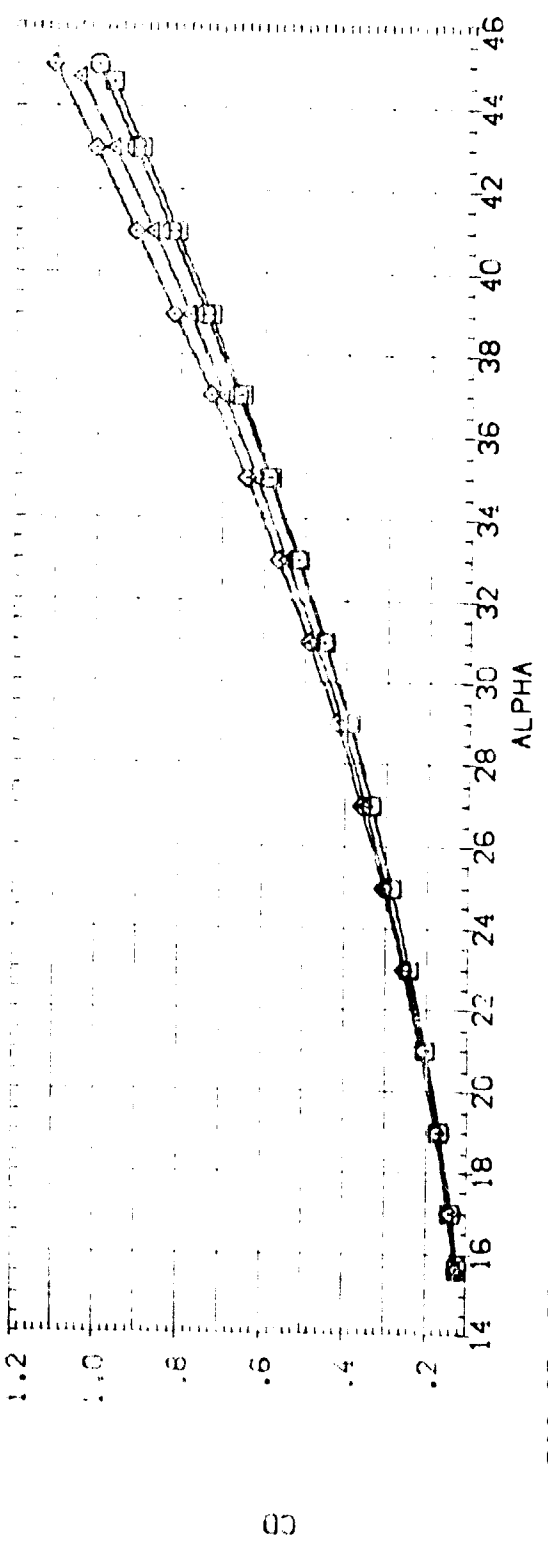
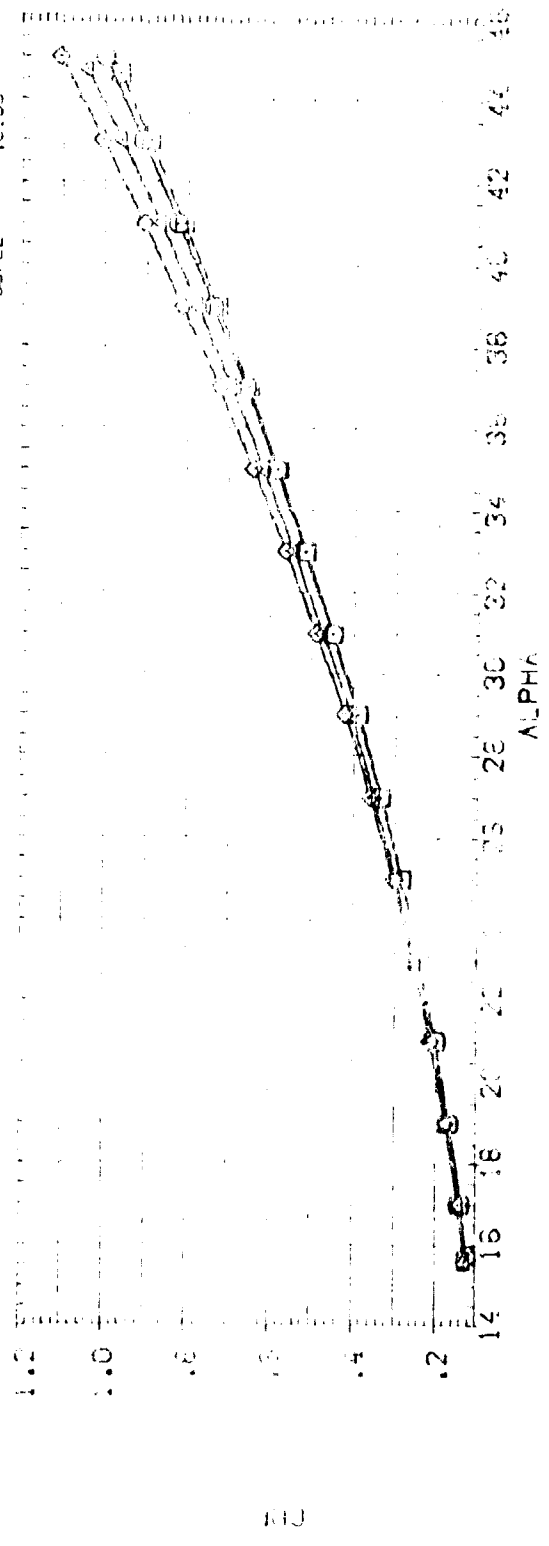


FIG 25 REYNOLDS NUMBER EFFECT. MACH = 10.0

CAVITATION = 10.08

DATA SET SYMBOL: (BTNC02) □ (BTNC03) △ (BTNC12) × (BTNC13) ∞

CONFIGURATION DESCRIPTION:
 AEDC VA474(DA77/78) (B26C97M7)(V116E26)(V8R5)
 AEDC VA474(DA77/78) (B26C97M7)(V116E26)(V8R5)
 AEDC VA474(DA77/78) (B26C97M7)(V116E26)(V8R5)
 AEDC VA474(DA77/78) (B26C97M7)(V116E26)(V8R5)

REFERENCE INFORMATION:
 SREF 87.1560 SQ. IN.
 LREF 7.1213 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

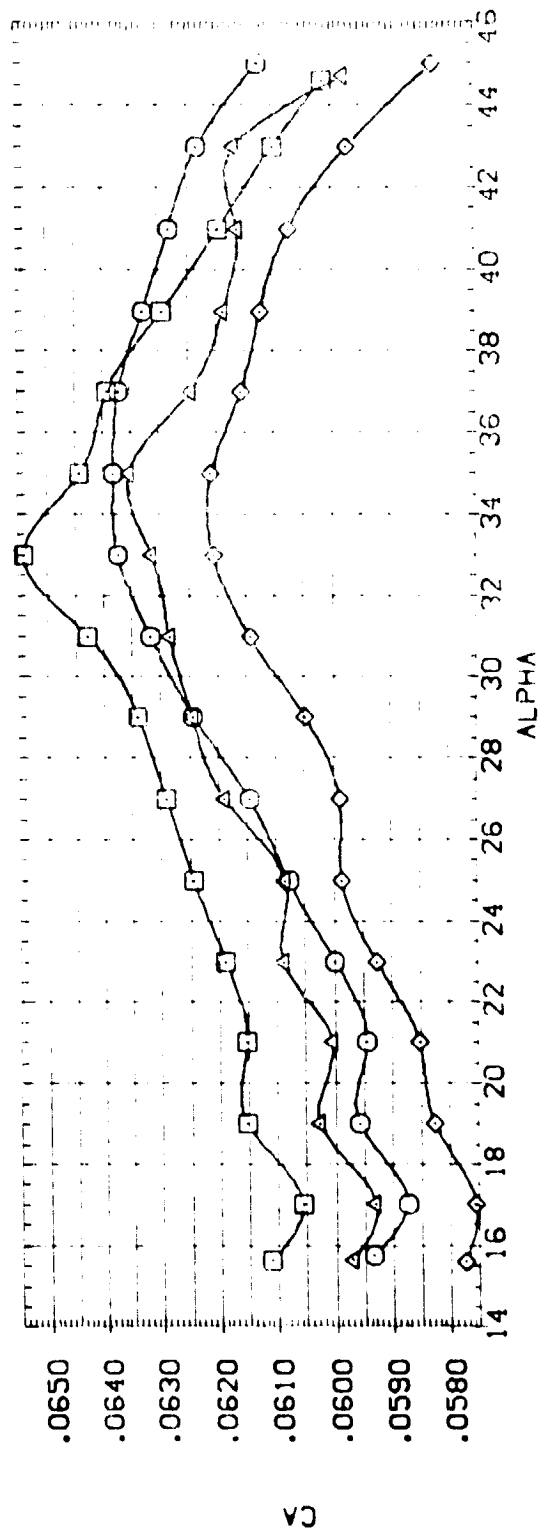
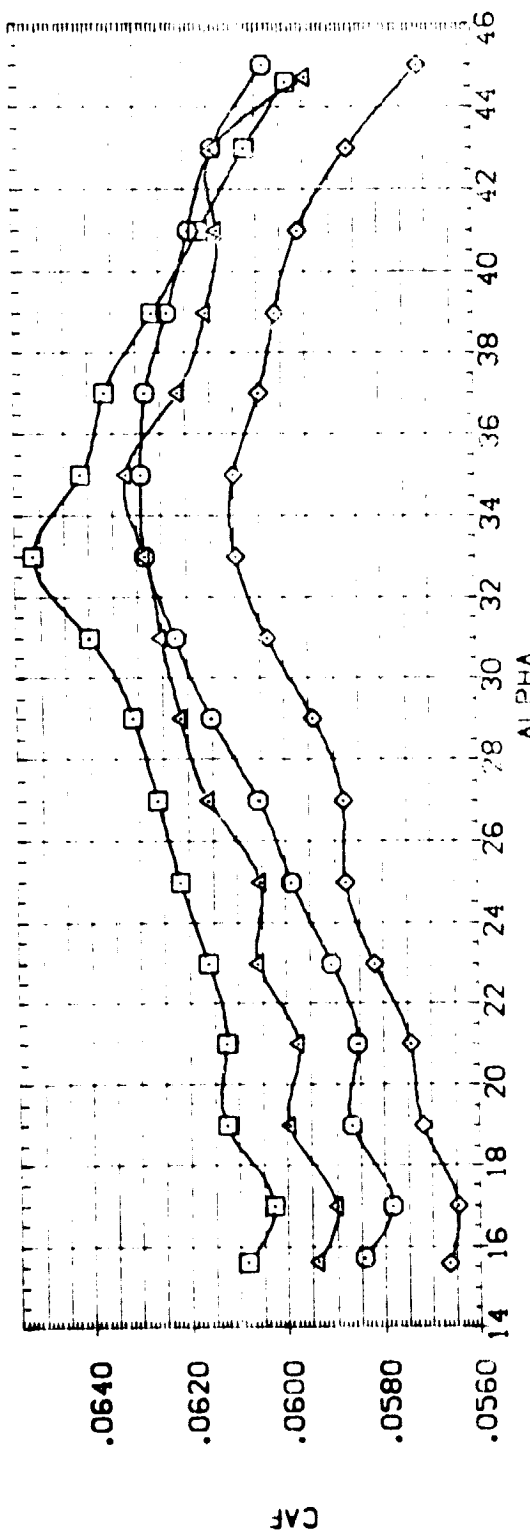


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A) MACH = 10.09

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(BTNC02)	AEDC V4474 (C-77)	28 (B26C56747) (416E26) (VBR5)	3.000	-40.000	-11.700	55.000	SREF 87.1560 SQ IN.
(BTNC03)	AEDC V4474 (C-77)	28 (B26C56747) (416E26) (VBR5)	3.000	-40.000	-11.700	55.000	LREF 7.1520 ACRES
(BTNC04)	AEDC V4474 (C-77)	28 (B26C56747) (416E26) (VBR5)	3.000	-40.000	-11.700	55.000	BREF 14.0520 ACRES
(BTNC05)	AEDC V4474 (C-77)	28 (B26C56747) (416E26) (VBR5)	3.000	-40.000	-11.700	55.000	KREF 2.6220 ACRES
							YREF .0000 ACRES
							TIME -3.7500 ACRES
							SCALE 10.000

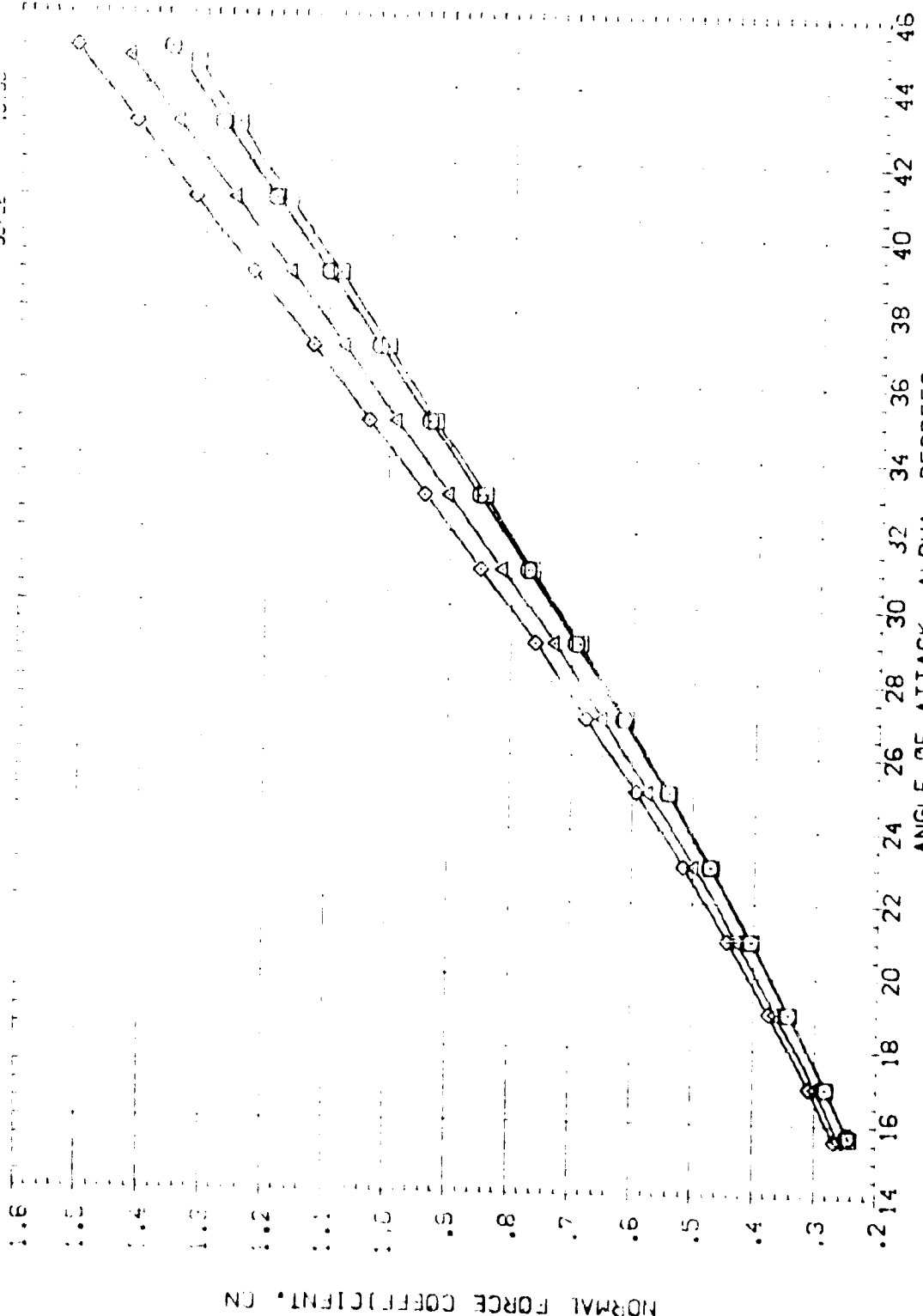


FIG 25 REYNOLDS NUMBER EFFECT, MAC = 10.0
 GAMMACH = 10.00

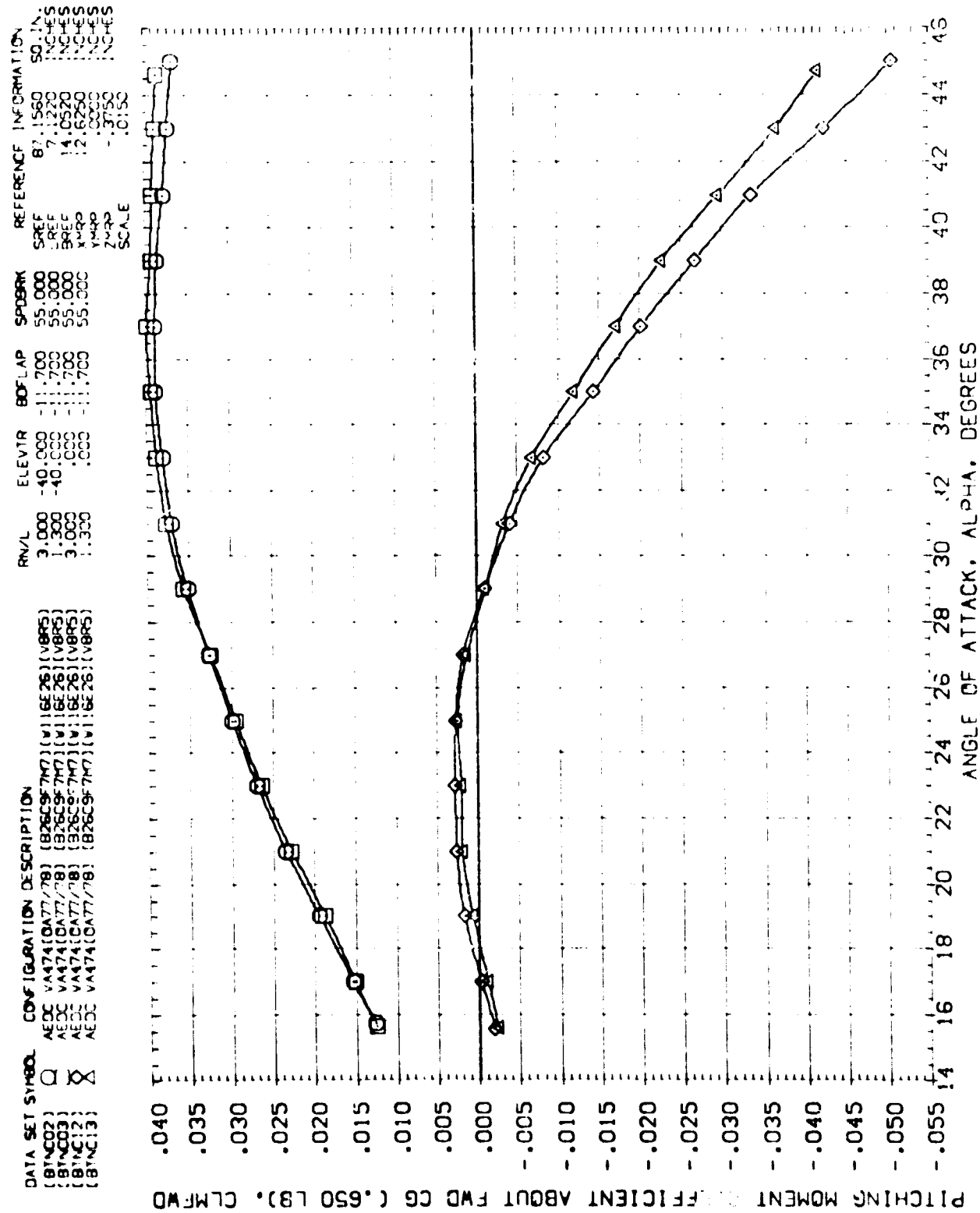


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(MACH = 10.09)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	N/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(B1)C02	45° VC VA-74 (0A77/78) (B26C9-7M7) (4) (6E26) (VBR5)	3.000	-40.000	-11.700	55.000	SREF 87.1560
(B1)C03	45° VC VA-74 (0A77/78) (B26C9-7M7) (4) (6E26) (VBR5)	1.300	-40.000	-11.700	55.000	LREF 7.1220
(B1)C04	45° VC VA-74 (0A77/78) (B26C9-7M7) (4) (6E26) (VBR5)	3.000	.000	-11.700	55.000	BREF 14.0320
(B1)C05	45° VC VA-74 (0A77/78) (B26C9-7M7) (4) (6E26) (VBR5)	1.300	.000	-11.700	55.000	XMRP 12.6350
						ZMRP .0000
						SCALE -3750
						INCHES .0150

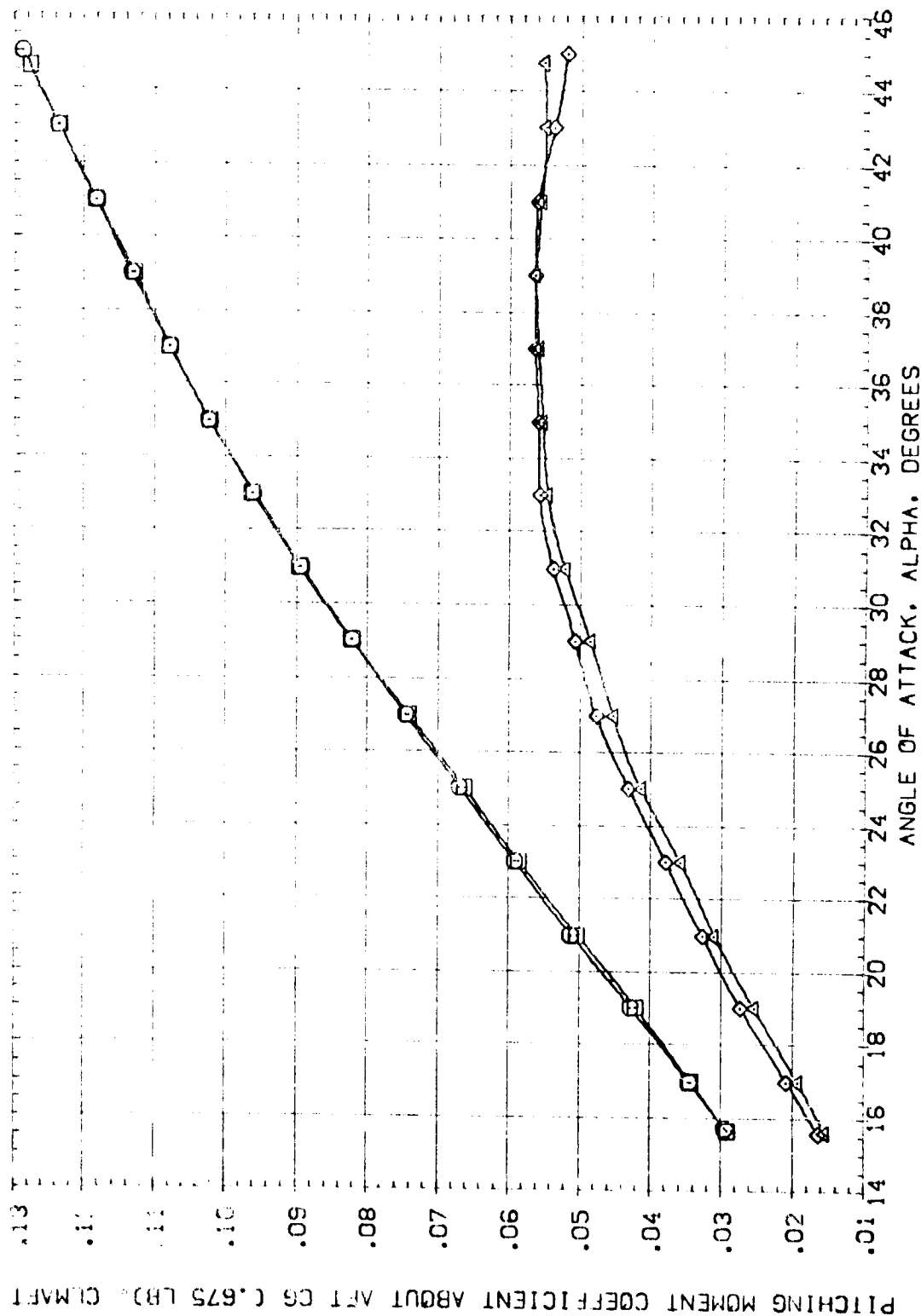


FIG 25 REYNOLDS NUMBER EFFECT. MACH = 10.0

REYNOLDS = 10.08

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDFLAP	SPOBRK	REFERENCE INFORMATION
{BTNC02}	AEDC VA174(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	3.000	-10.000	-11.700	55.000	SREF 87.1560 50.1N
{BTNC03}	AEDC VA174(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	1.300	-10.000	-11.700	55.000	LREF 7.1220 1NCL5
{BTNC12}	AEDC VA174(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	3.000	.000	-11.700	55.000	BREF 14.0520 1NCL5
{BTNC13}	AEDC VA174(DA77/78) (B26C9F7H7)(V116E26)(V8RS)	1.300	.000	-11.700	55.000	XMRP 12.6230 1NCL5
						YMRP .0000 1NCL5
						ZMRP -.3750 1NCL5
						SCALE .0150

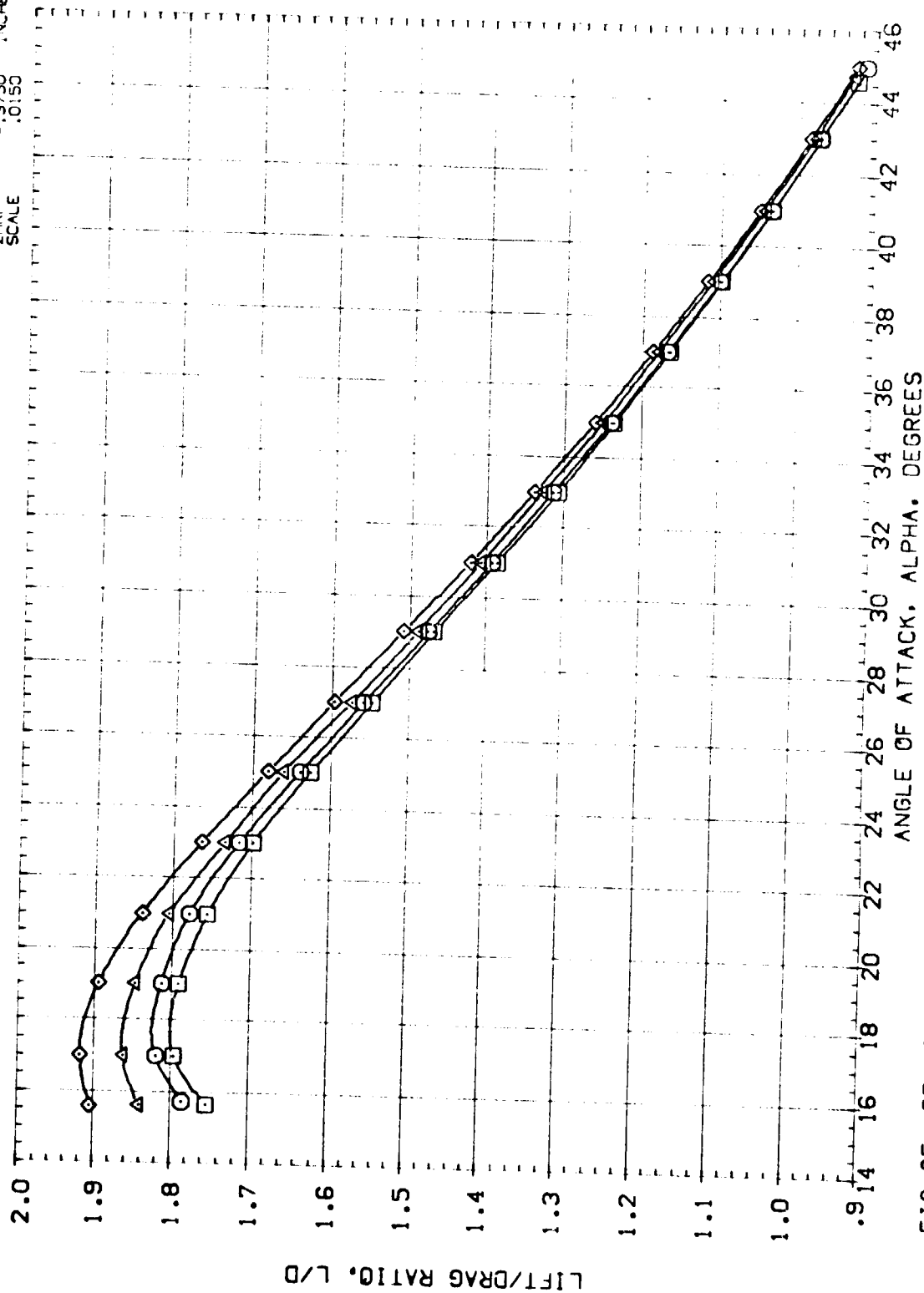


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A) MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION
(BTNC02)	AEDC VA474(0A77/78) (S26C9F7M7)(W116E26)(VBR5)	3.000	-40.000	-11.700	55.000	SREF 87.1560 50.1N.
(BTNC03)	AEDC VA474(0A77/78) (S26C9F7M7)(W116E26)(VBR5)	1.300	-40.000	-11.700	55.000	LREF 7.1220 1NCHES
(BTNC12)	AEDC VA474(0A77/78) (S26C9F7M7)(W116E26)(VBR5)	3.000	.000	-11.700	55.000	BREF 14.0520 1NCHES
(BTNC13)	AEDC VA474(0A77/78) (S26C9F7M7)(W116E26)(VBR5)	1.300	.000	-11.700	55.000	XMREF 12.6250 1NCHES
						VMREF .0000 1NCHES
						ZMREF -.3750 1NCHES
						SCALE .0150

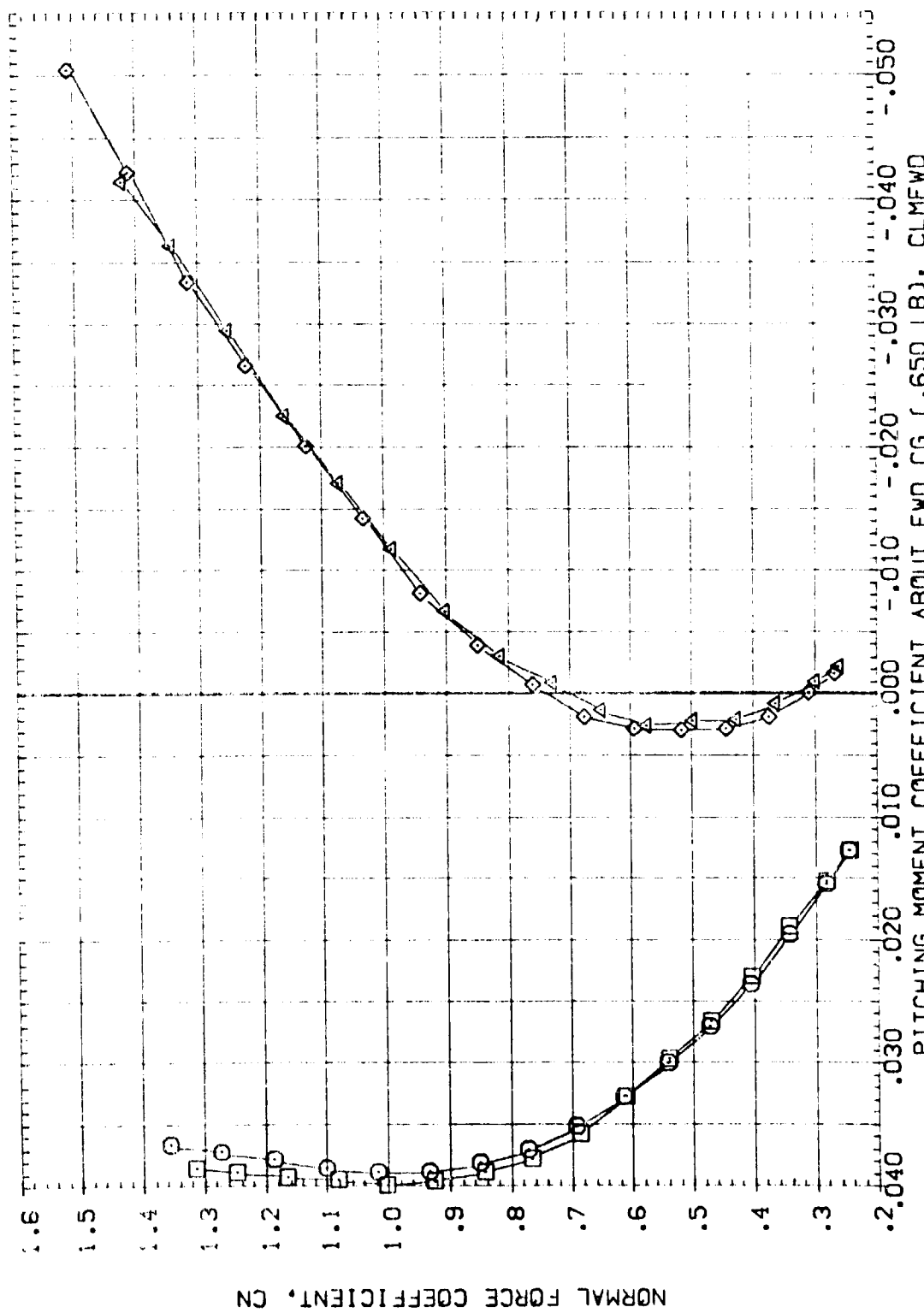


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0
 (A) MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BDELAP	SPDBRK	REFERENCE INFORMATION
(BINC02)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	3.000	-40.000	-11.700	55.000	SREF 87.1560 50.1 IN.
(BINC03)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	1.300	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(BINC12)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	3.000	.000	-11.700	55.000	BREF 14.0520 INCHES
(BINC13)	AEDC VA474(DA77/78) (B26C9F7M7) (V116E26)(VBR5)	1.300	.000	-11.700	55.000	YMRP 12.6250 INCHES
					ZMRP .0000 INCHES	
					SCALE -.3750 INCHES	

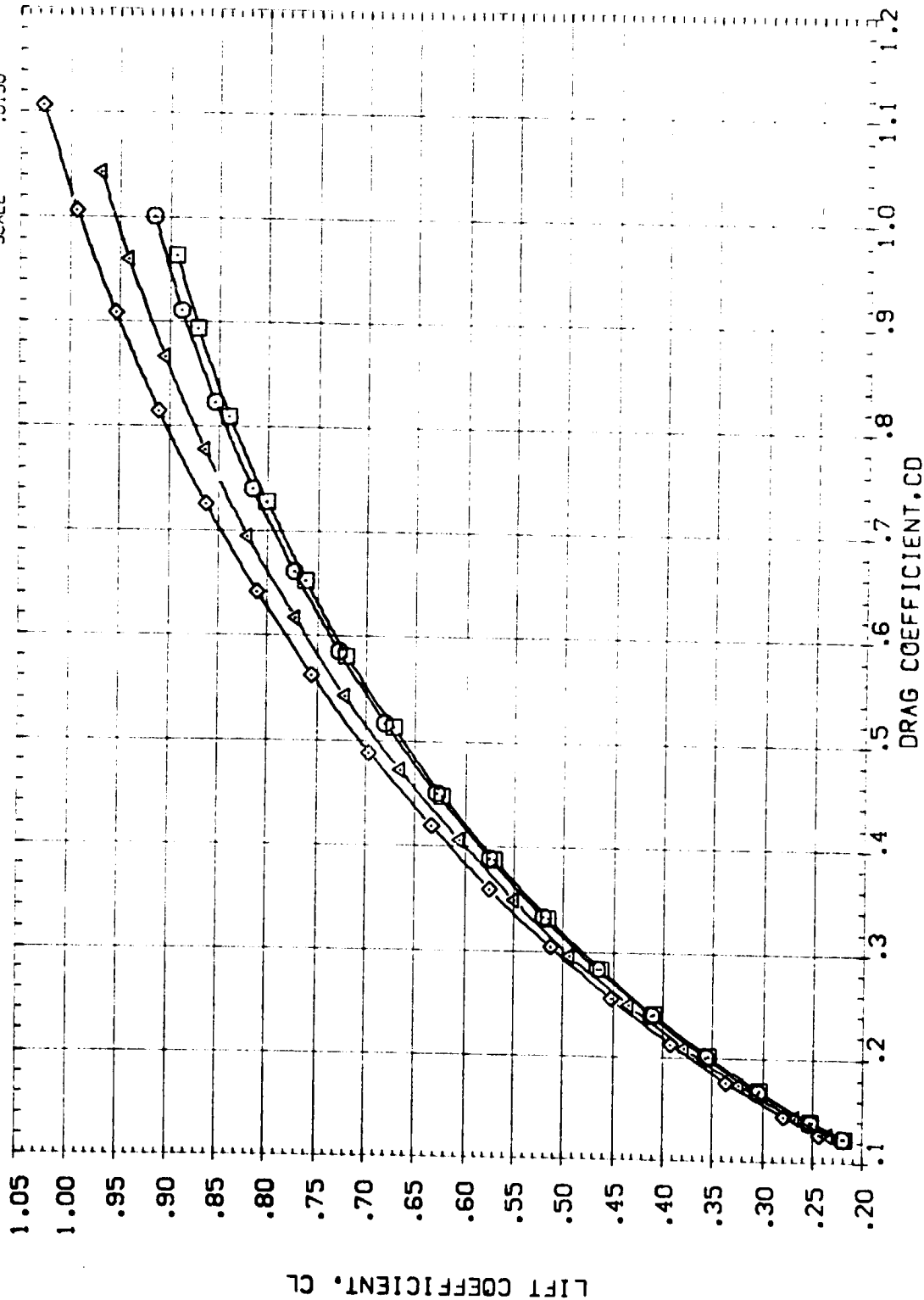


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(B'NCO2)	AEDC VA474(OA77/78) (326C9-7M7) (V116E26) (VBR5)	3.000	-40.000	-11.700	55.000	SREF 87.1560 INCHES
(B'NCO3)	AEDC VA474(OA77/78) (326C9-7M7) (V116E26) (VBR5)	1.300	-40.000	-11.700	55.000	LREF 7.1220 INCHES
(B'NCO12)	AEDC VA474(OA77/78) (326C9-7M7) (V116E26) (VBR5)	3.000	.000	-11.700	55.000	BREF 14.0520 INCHES
(B'NCO13)	AEDC VA474(OA77/78) (326C9-7M7) (V116E26) (VBR5)	1.300	.000	-11.700	55.000	XMRP 12.6250 INCHES
						YMRP .0000 INCHES
						ZMRP -.3750 INCHES
						SCALE .0150

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

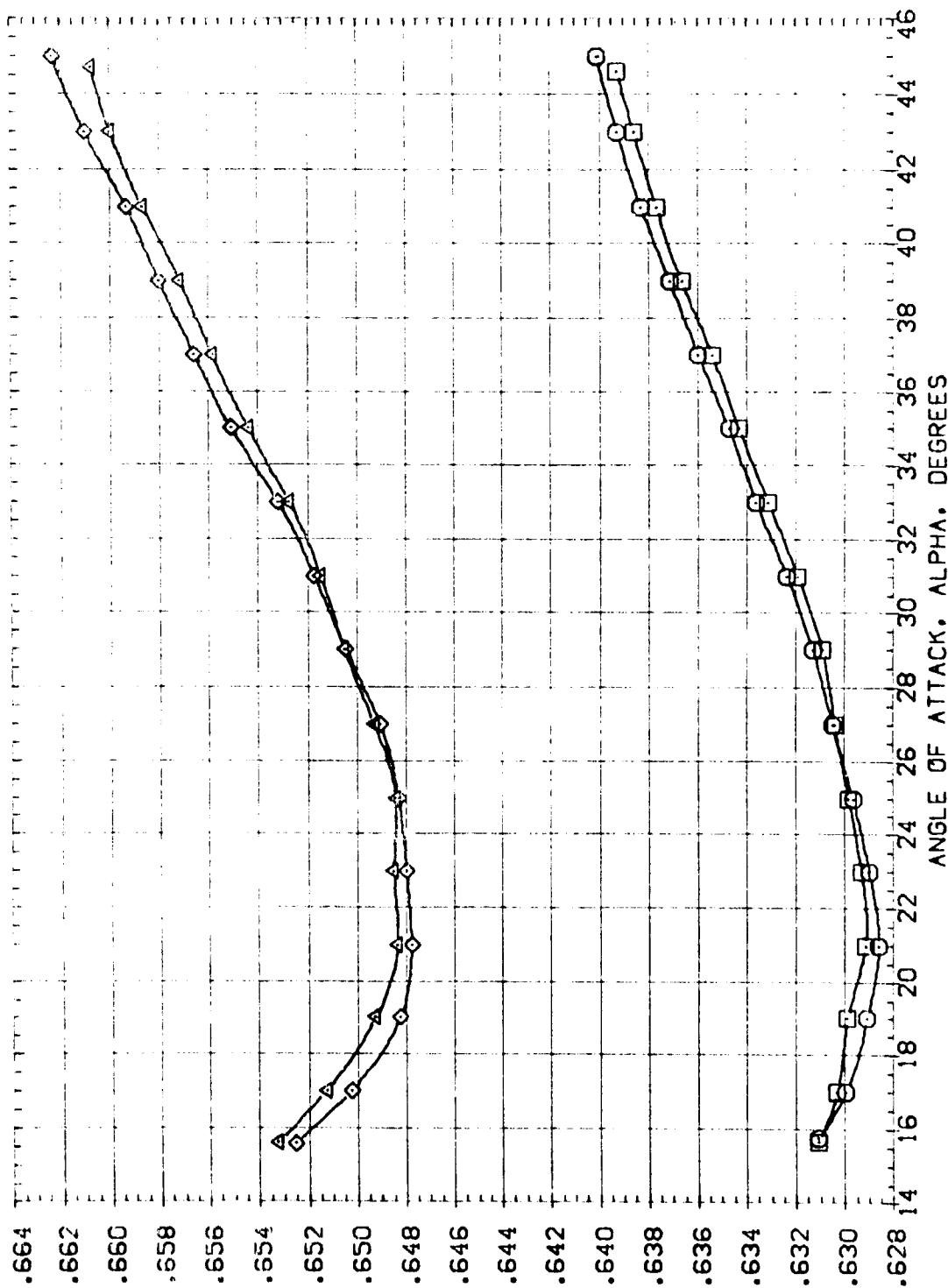


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A) MACH = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION RN/L ELEVTR BOFLAP SPDBRK REFERENCE INFORMATION SQ. IN.

(B1NC28) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS) 3.000 -40.000 .000 55.000 SREF 87.1560 INCHES

(B1NC29) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS) 1.300 -40.000 .000 55.000 LREF 7.1220 INCHES

(B1NC32) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS) 3.000 .000 .000 55.000 BREF 14.0520 INCHES

(B1NC33) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS) 1.300 .000 .000 55.000 XMRP 12.6250 INCHES

(B1NC34) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS) 800 .000 .000 55.000 ZMRP -.3750 INCHES

SCALE .0150

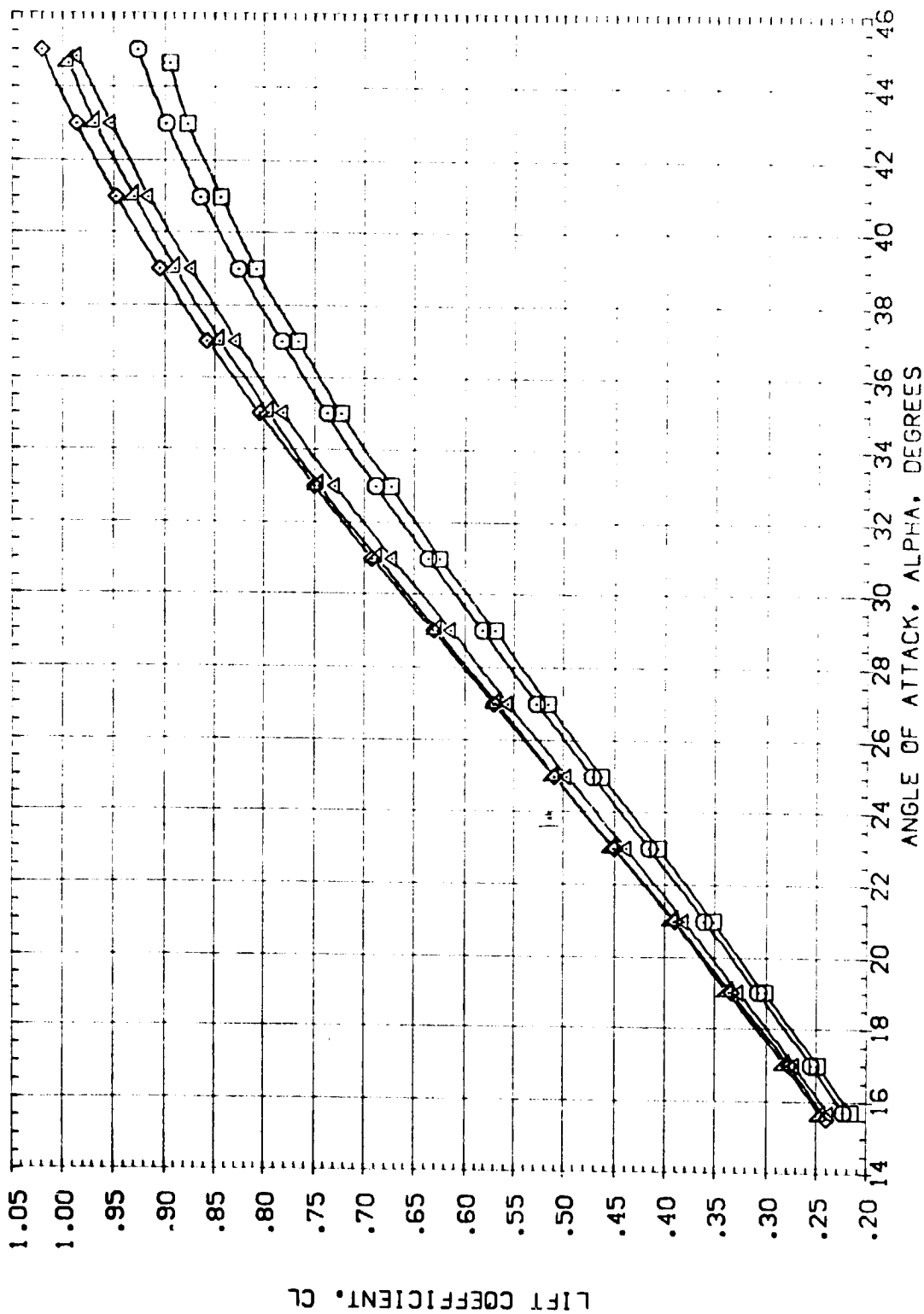


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RM/L	ELEVTR	BO-FLAP	SPOBRK	REFERENCE INFORMATION
(BINC28)	AEDC VA474 (0A77) (S) (B7SC9F7M7) (V116E26) (V8RS)	3.000	-40.000	.000	55.000	SREF 87.1560 SQ. IN.
(BINC29)	AEDC VA474 (0A77) (S) (B7SC9F7M7) (V116E26) (V8RS)	3.300	-40.000	.000	55.000	LREF 7.1220 INCHES
(BINC30)	AEDC VA474 (0A77) (S) (B7SC9F7M7) (V116E26) (V8RS)	3.000	.000	.000	55.000	BREF 14.0020 INCHES
(BINC31)	AEDC VA474 (0A77) (S) (B7SC9F7M7) (V116E26) (V8RS)	3.000	.000	.000	55.000	XMREF 12.6050 INCHES
(BINC32)	AEDC VA474 (0A77) (S) (B7SC9F7M7) (V116E26) (V8RS)	3.000	.000	.000	55.000	YMREF .0000 INCHES
(BINC33)	AEDC VA474 (0A77) (S) (B7SC9F7M7) (V116E26) (V8RS)	3.000	.000	.000	55.000	ZMREF .0000 INCHES
(BINC34)	AEDC VA474 (0A77) (S) (B7SC9F7M7) (V116E26) (V8RS)	3.000	.000	.000	55.000	SCALE .0150

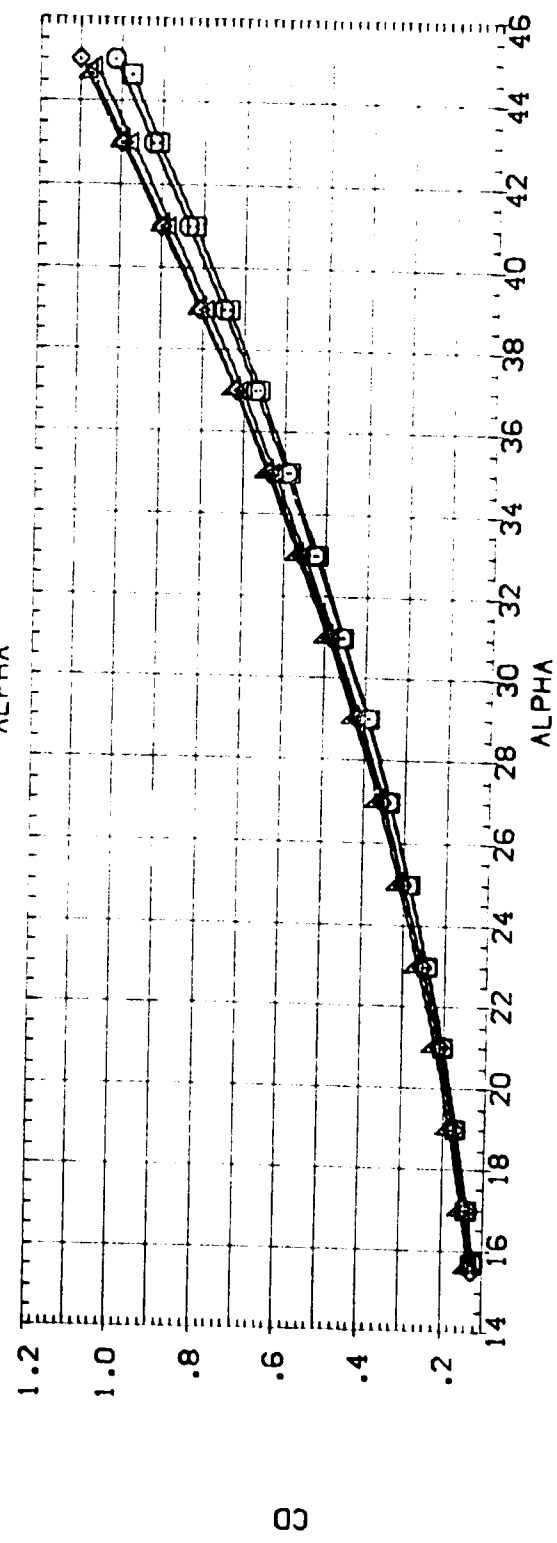
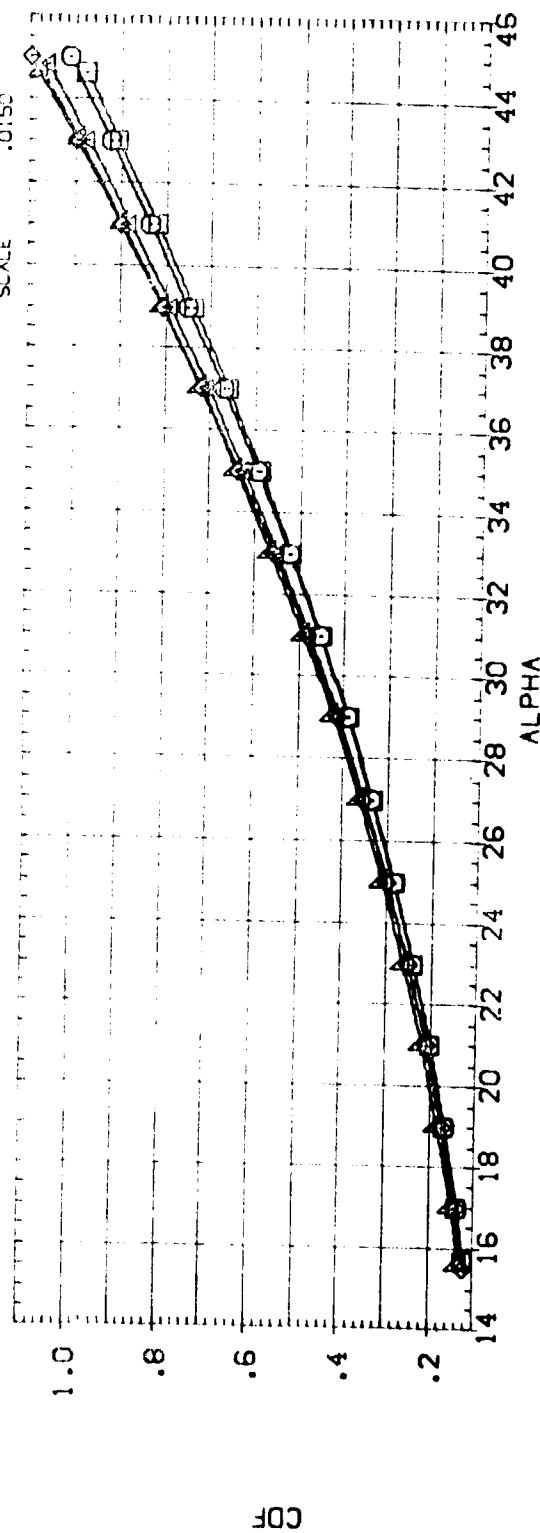


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0
 (A)MACH = 10.09

DATA SET SYMBOL: (B)NC28) (B)NC29) (B)NC32) (B)NC33) (B)NC34)

CONFIGURATION DESCRIPTION: AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5) AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBR5)

RM/L: 3.000 1.300 3.000 1.300 .800

ELEVTR: -40.000 -40.000 .000 .000 .000

BOFLAP: .000 .000 .000 .000 .000

SPDRBK: 55.000 55.000 55.000 55.000 55.000

REFERENCE INFORMATION: SREF 87.1560 SO. IN. LREF 7.1220 INCHES BREF 14.0520 INCHES XMRP 12.6250 INCHES YMRP .0000 INCHES ZMRP -.3750 INCHES SCALE .0150

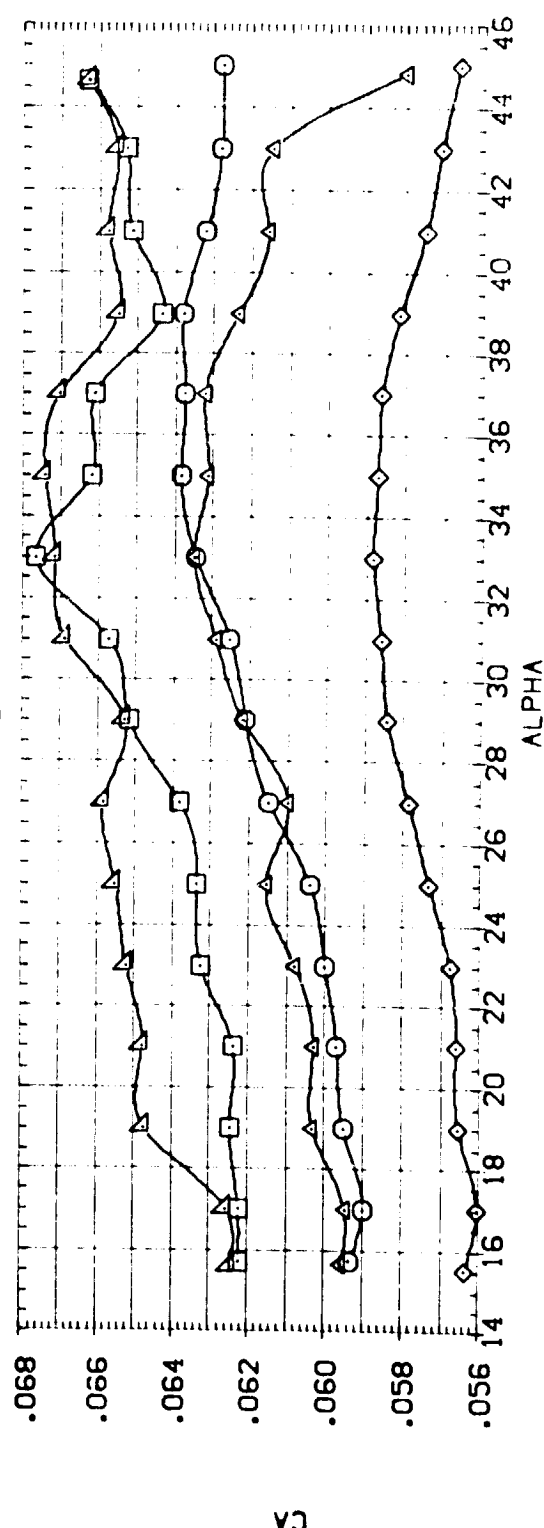
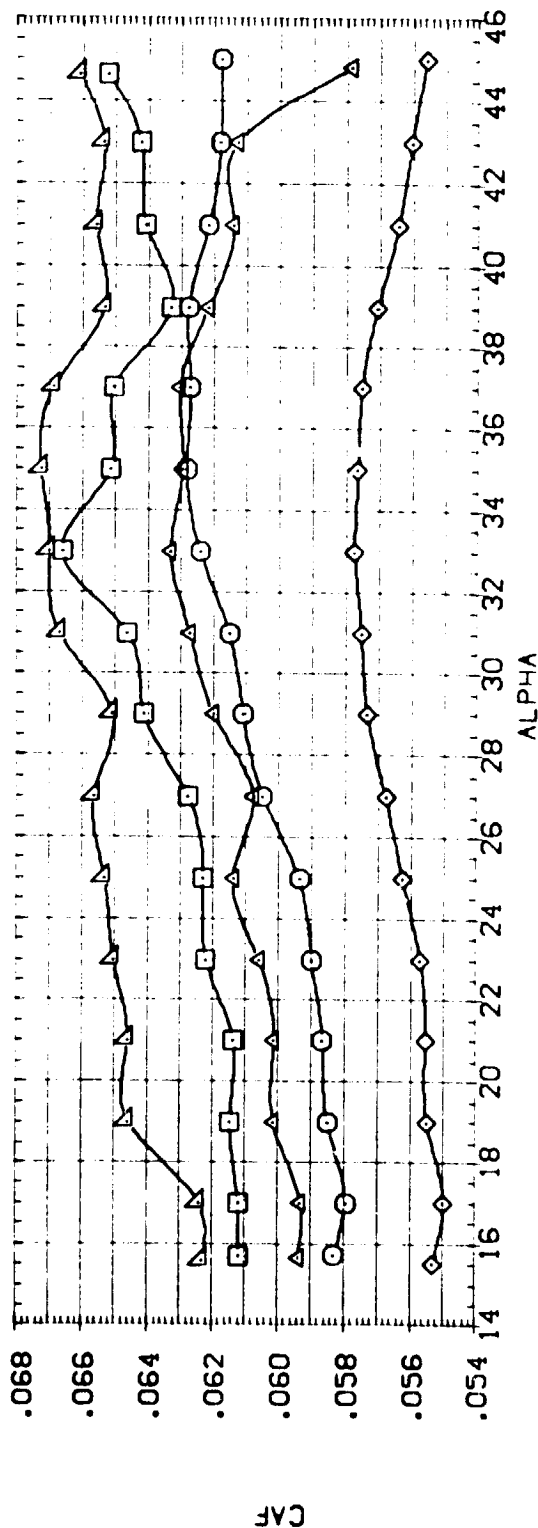


FIG 25 REYNOLDS NUMBER EFFECT. MACH = 10.0

(A)MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOE LAP	SPDRK	REFERENCE INFORMATION
(B) NC26	AECC VA474 (CAT) / 73	3.000	-40.000	.000	55.000	SRCF 87.1500
(B) NC29	AECC VA474 (CAT) / 73	1.500	-40.000	.000	55.000	LREF 2.1700
(B) NC30	AECC VA474 (CAT) / 73	2.000	-40.000	.000	55.000	REF 13.0000
(B) NC31	AECC VA474 (CAT) / 73	1.000	-40.000	.000	55.000	REF 12.0000
(B) NC32	AECC VA474 (CAT) / 73	1.000	-40.000	.000	55.000	REF 12.0000
(B) NC33	AECC VA474 (CAT) / 73	1.000	-40.000	.000	55.000	REF 12.0000
(B) NC34	AECC VA474 (CAT) / 73	1.000	-40.000	.000	55.000	REF 12.0000
						SCALE .0150

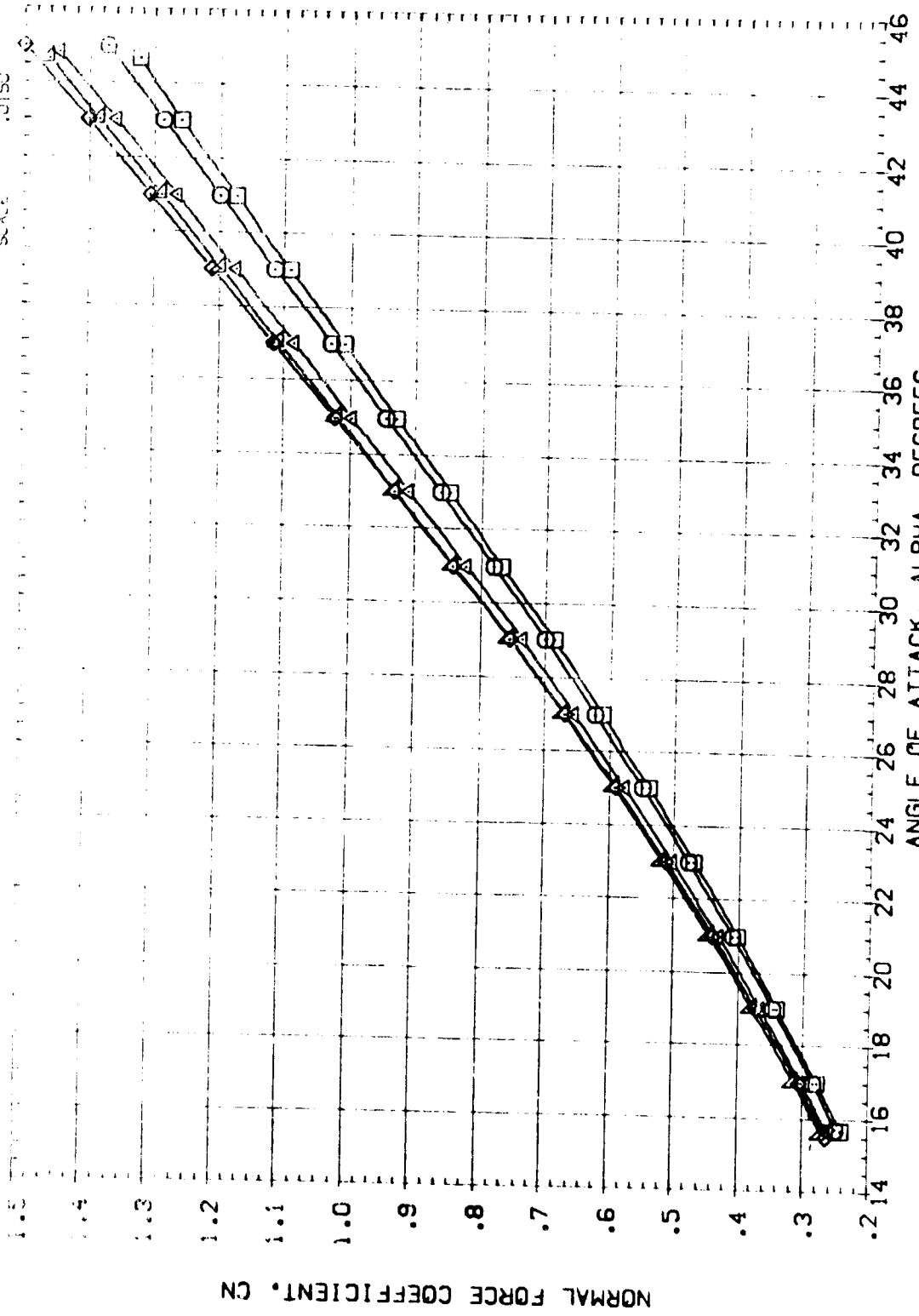


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

CONFIDENCE = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPDBRK	REFERENCE INFORMATION	SO, IN.
(BINC28)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	-40.000	.000	55.000	SREF	87.1560
(BINC29)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	1.300	-40.000	.000	55.000	LREF	7.1270
(BINC32)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	3.000	.000	.000	55.000	BREF	14.0520
(BINC33)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	1.300	.000	.000	55.000	XMRP	12.6250
(BINC34)	AEDC VA474(OA77/78) (B26C9F7M7) (V116E26) (VBRS)	.800	.000	.000	55.000	YMRP	.0000
						ZMRP	-.3750
						SCALE	.0150

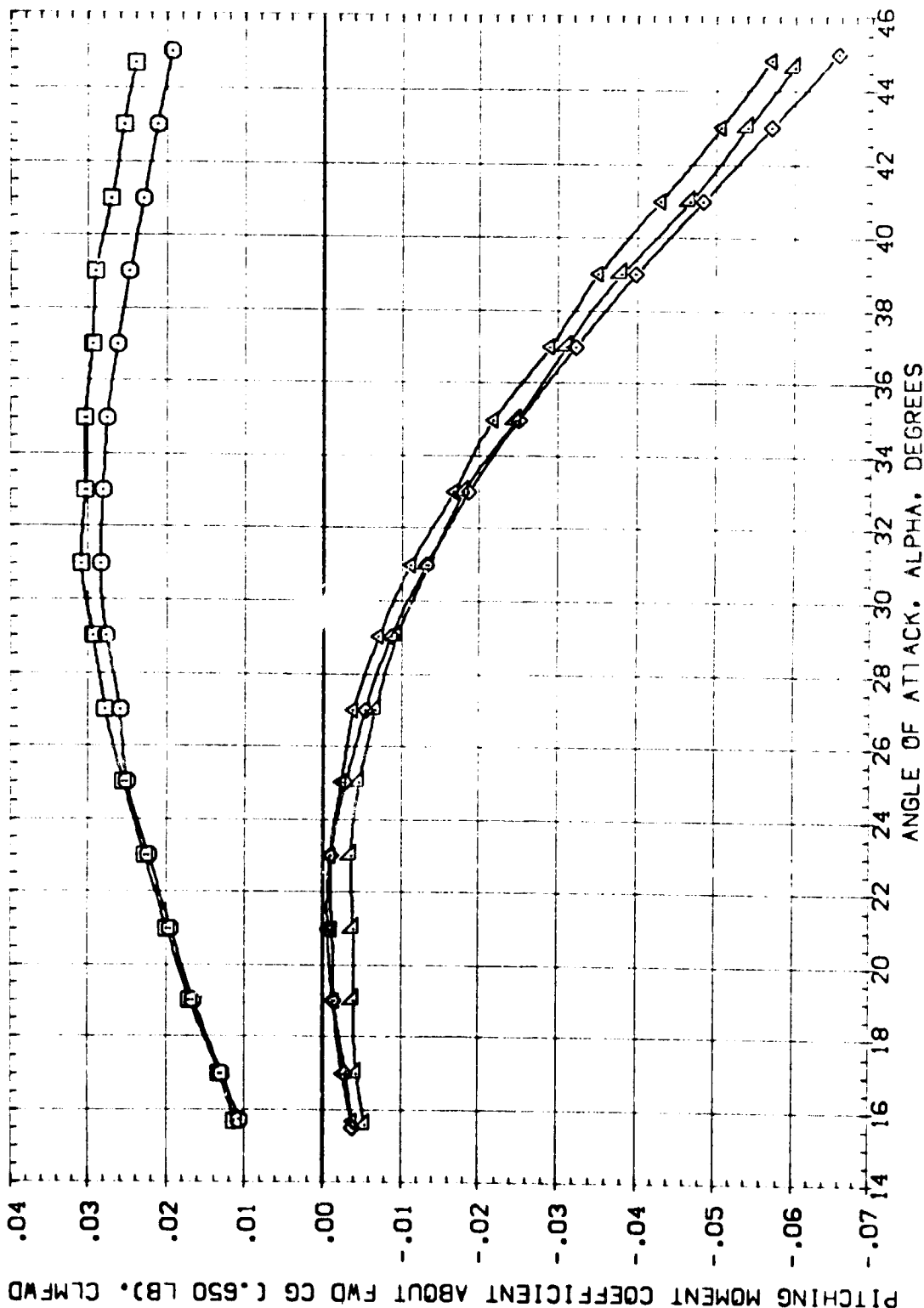


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A) MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOX LAP	SPOBRK	REFERENCE INFORMATION
(BINC28)	AEDC VA474 (CAT 77/78) (B2635-747) (V116.26) (VBR5)	3.000	-40.000	.000	55.000	87.1560 SO. IN.
(BINC29)	AEDC VA474 (CAT 77/78) (B2635-747) (V116.26) (VBR5)	1.330	-40.000	.000	55.000	7.1220 NC4.55
(BINC32)	AEDC VA474 (CAT 77/78) (B2635-747) (V116.26) (VBR5)	3.000	.000	.000	55.000	14.0520 NC4.55
(BINC33)	AEDC VA474 (CAT 77/78) (B2635-747) (V116.26) (VBR5)	1.330	.000	.000	55.000	12.6250 NC4.55
(BINC34)	AEDC VA474 (CAT 77/78) (B2635-747) (V116.26) (VBR5)	1.800	.000	.000	55.000	0.0000 NC4.55
						-.3750 NC4.55
						SCALE .0150

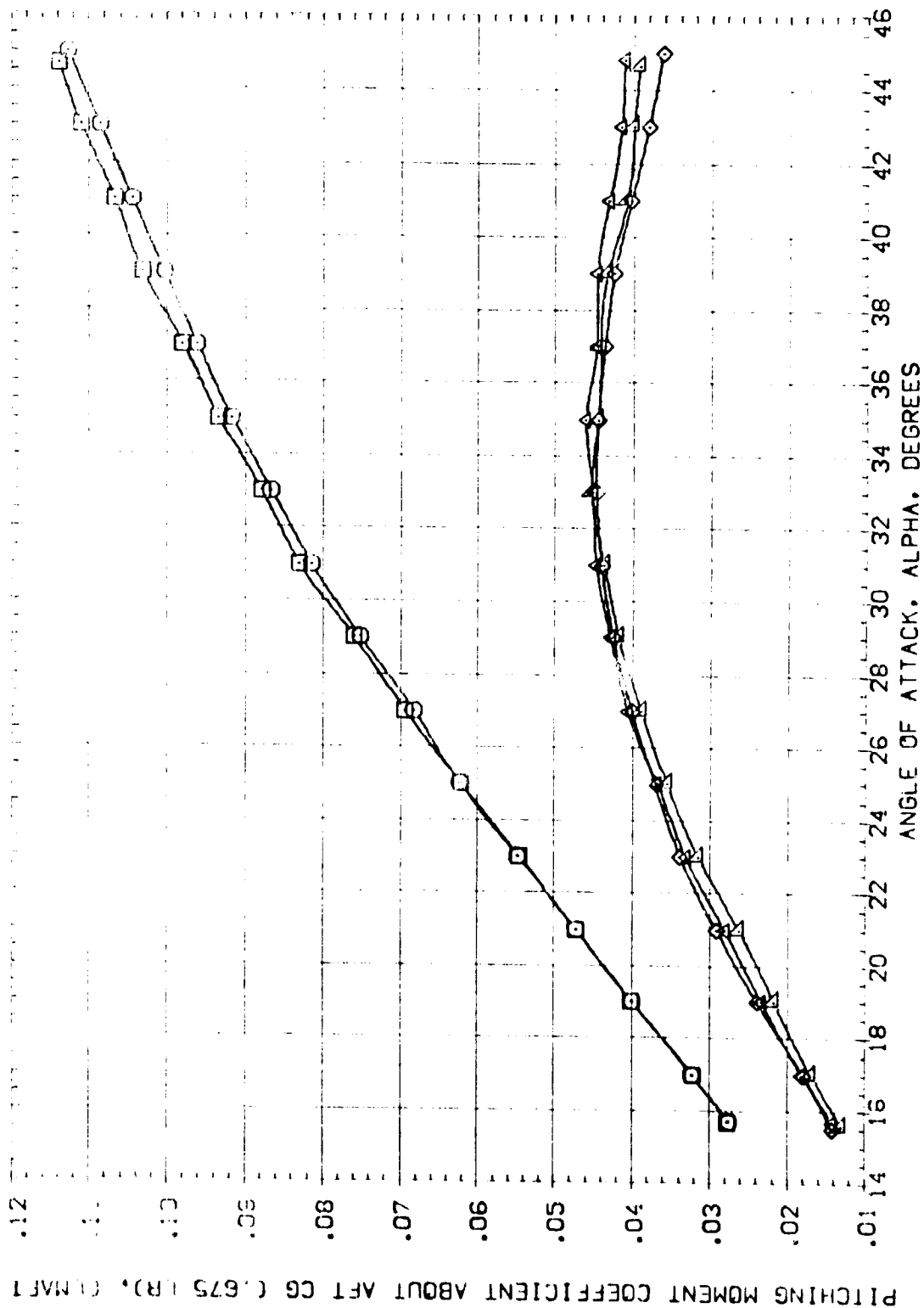


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

CMMA1 = 0.0150

DATA SET SYMBOL. CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(BINC28)	AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (V8R5)	3.000	-40.000	.000	55.000	SREF 87.1560
(BINC29)	AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (V8R5)	1.300	-40.000	.000	55.000	LREF 7.1220
(BINC32)	AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (V8R5)	3.000	.000	.000	55.000	BREF 14.0520
(BINC33)	AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (V8R5)	1.300	.000	.000	55.000	XMRP 12.6250
(BINC34)	AEDC VA474(GA77/78) (B26C9F7M7) (V116E26) (V8R5)	.800	.000	.000	55.000	ZMRP .0000
						SCALE .0150

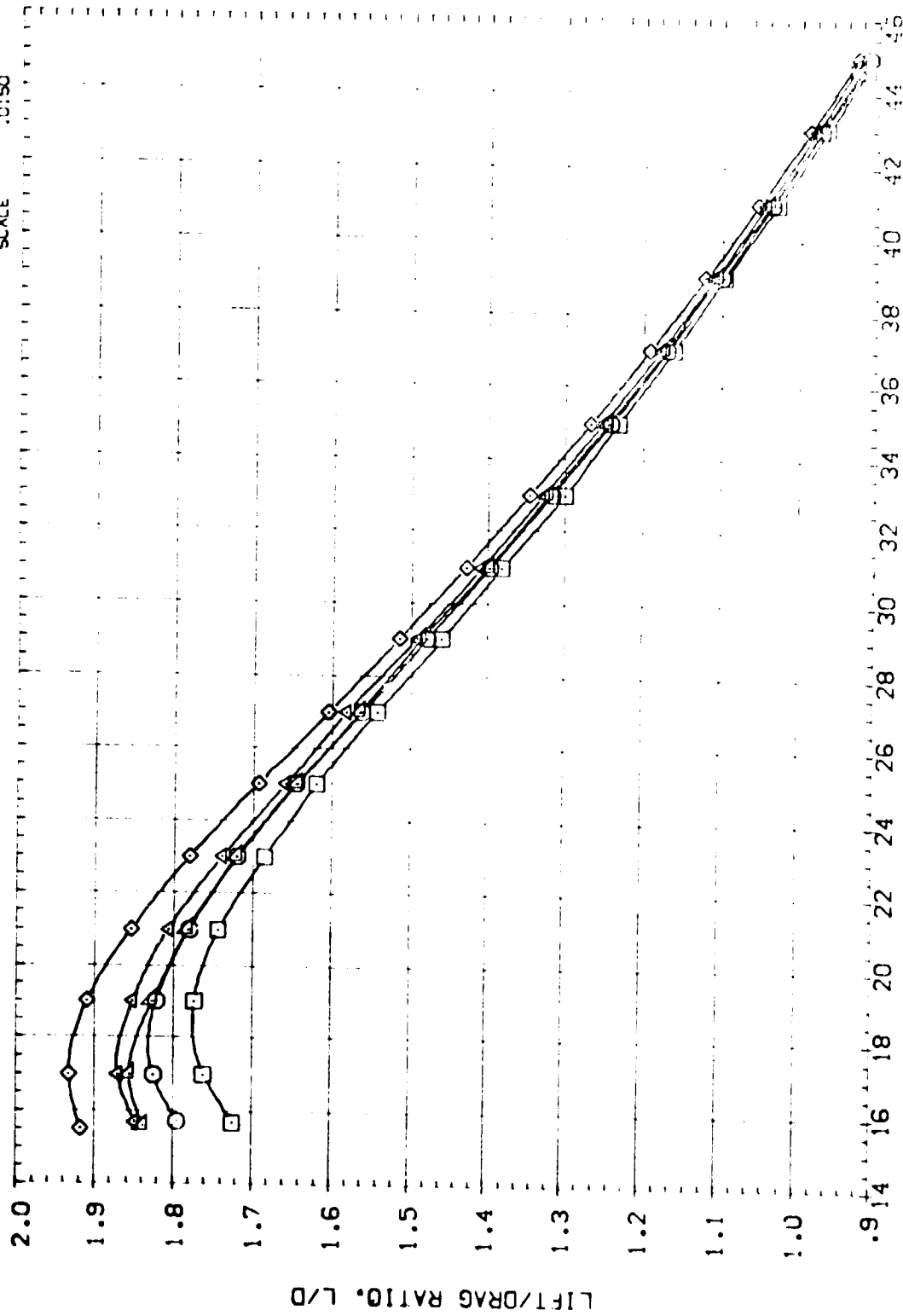


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A) MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/L	ELEVTR	BOFLAP	SPOBRK	REFERENCE INFORMATION
(B)NC28)	AEDC V474(CA77/78) (U2609F/47) (V115E26) (V8P5)	3.000	-10.000	.000	55.000	SREF 87.1560 50. IN.
(B)NC29)	AEDC V474(CA77/78) (U2609F/47) (V115E26) (V8P5)	1.500	-10.000	.000	55.000	LREF 1.220 NCLES
(B)NC30)	AEDC V474(CA77/78) (U2609F/47) (V115E26) (V8P5)	3.000	.000	.000	55.000	BREF 12.000 NCLES
(B)NC31)	AEDC V474(CA77/78) (U2609F/47) (V115E26) (V8P5)	1.500	.000	.000	55.000	XREF 12.000 NCLES
(B)NC32)	AEDC V474(CA77/78) (U2609F/47) (V115E26) (V8P5)	1.800	.000	.000	55.000	YREF 12.000 NCLES
(B)NC33)	AEDC V474(CA77/78) (U2609F/47) (V115E26) (V8P5)					ZREF 12.000 NCLES
						SCALE 10.50

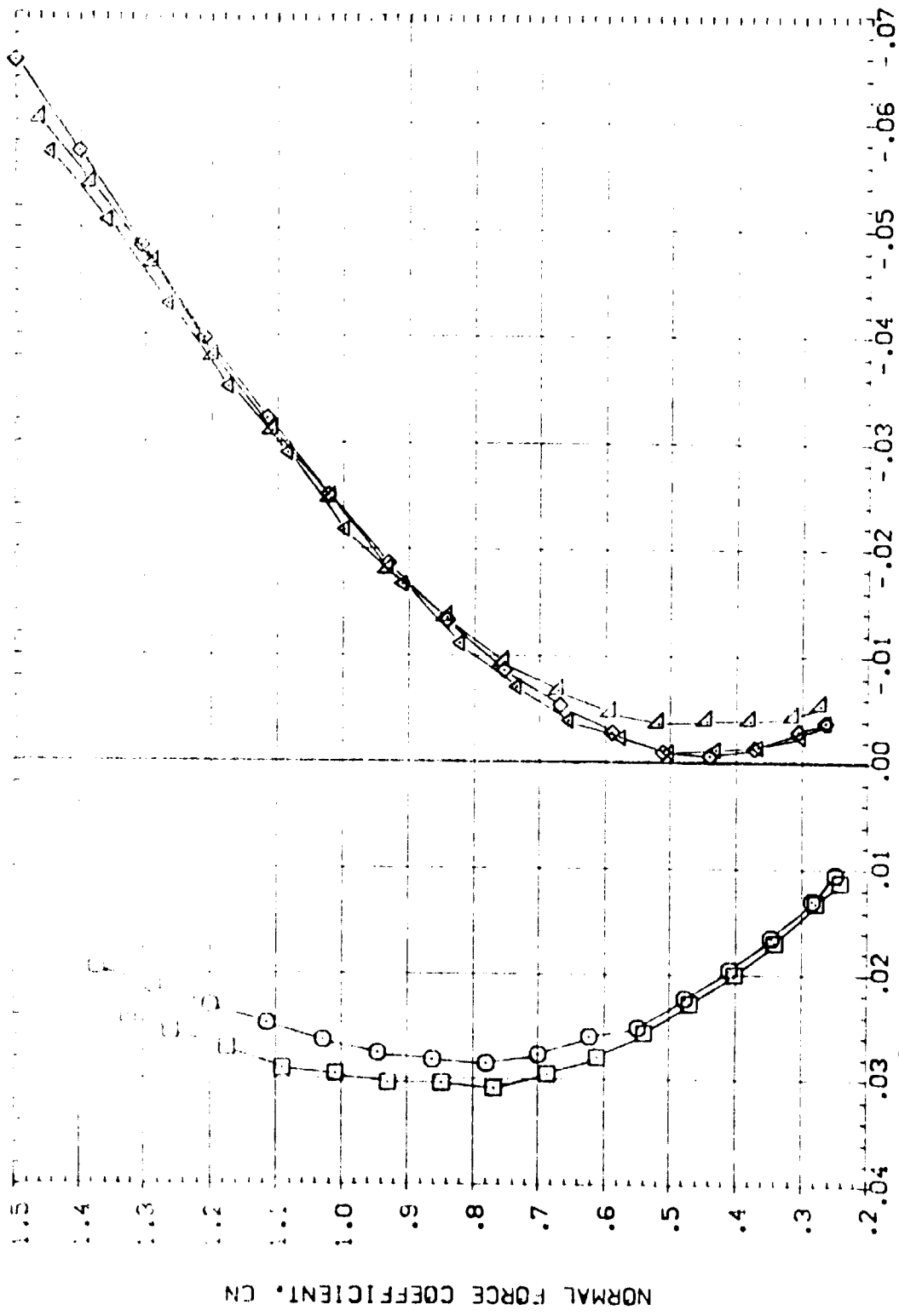


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A) MACH = 10.09

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RV/L	ELEV/IR	BD/LAP	SPDRBK	REFERENCE INFORMATION
(B1)NC28)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8R5)	3.000	-40.000	.000	55.000	SREF 87.1560
(B1)NC29)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8R5)	1.300	-40.000	.000	55.000	LREF 77.1220
(B1)NC32)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8R5)	3.000	.000	.000	55.000	BREF 14.0520
(B1)NC33)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8R5)	1.300	.000	.000	55.000	XMRP 12.6250
(B1)NC34)	AEDC VA474(DA77/78) (B26C9F7H7)(V116E26)(V8R5)	.800	.000	.000	55.000	YMRP .3750
						SCALE .0150

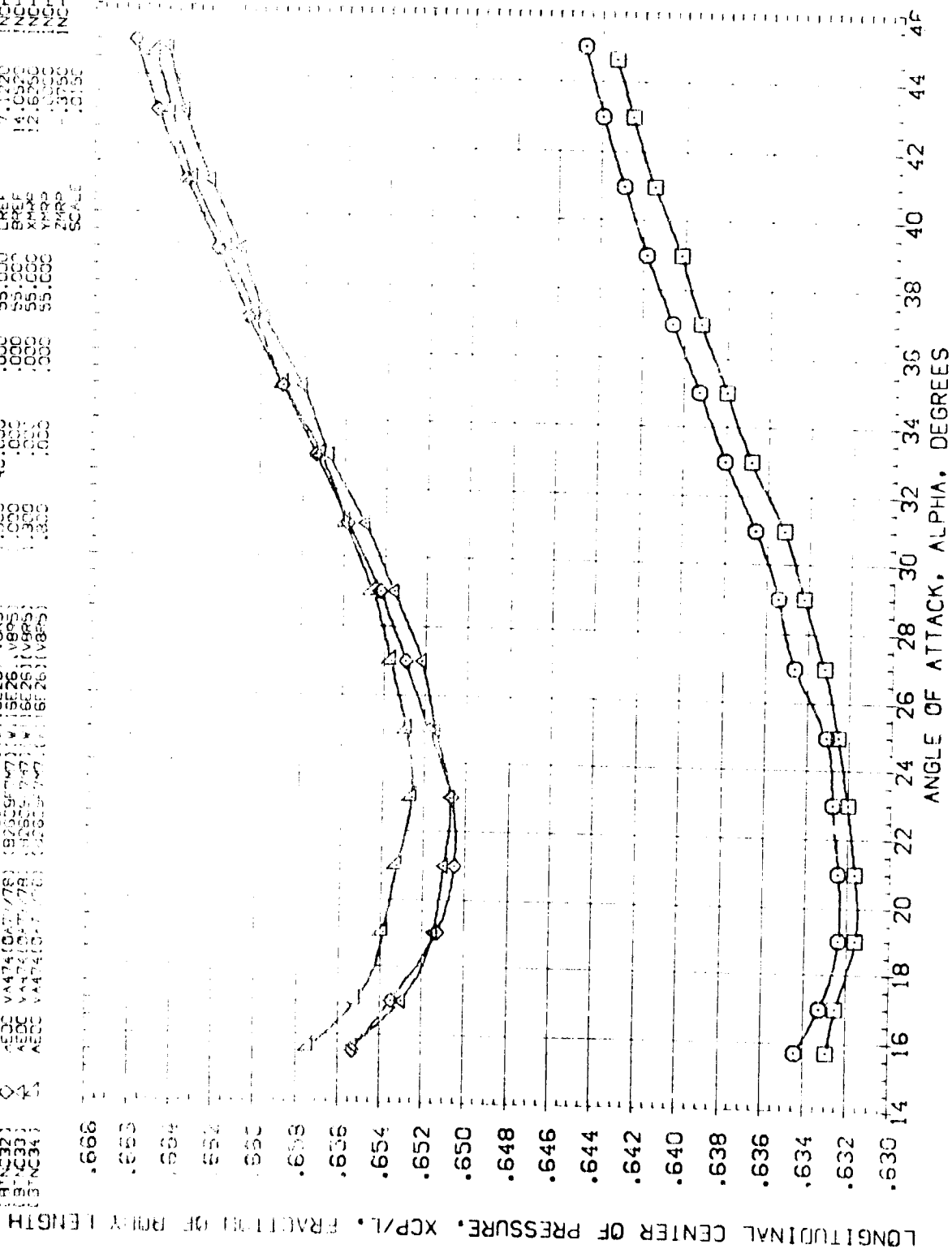


FIG 25 REYNOLDS NUMBER EFFECT, MACH = 10.0

(A) MACH = 10.09

DATA 499

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	RN/L	ELEVTR	B7FLAP	SPOBRK	REFERENCE INFORMATION
(BTNC28)	AEDC VA474 (CAT7/78) (B27.577M) (16E26) (VBR5)	3.000	-40.000	.000	55.000	SREF 87.1500
(BTNC29)	AEDC VA474 (CAT7/78) (B27.577M) (16E26) (VBR5)	1.300	-40.000	.000	55.000	LREF 7.1220
(BTNC30)	AEDC VA474 (CAT7/78) (B27.577M) (16E26) (VBR5)	1.300	.000	.000	55.000	BREF 14.0500
(BTNC31)	AEDC VA474 (CAT7/78) (B27.577M) (16E26) (VBR5)	1.300	.000	.000	55.000	XMRP 12.6500
(BTNC32)	AEDC VA474 (CAT7/78) (B27.577M) (16E26) (VBR5)	1.300	.000	.000	55.000	ZMRP 12.6500
(BTNC33)	AEDC VA474 (CAT7/78) (B27.577M) (16E26) (VBR5)	1.300	.000	.000	55.000	SCALE 10.00
(BTNC34)	AEDC VA474 (CAT7/78) (B27.577M) (16E26) (VBR5)	1.300	.000	.000	55.000	INCHES



AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)

SYMBOL MACH

○	5.950
□	7.980
◇	10.090

PARAMETRIC VALUES

BETA	.000	ELEVTR	-40.000
ATLRON	.000	SOFLAP	-11.700
SPDRK	25.000	RUDDER	.000

REFERENCE INFORMATION

SREF	87.1560	50 IN.
LREF	7.1220	INCHES
BREF	14.0500	INCHES
YMRP	12.6250	INCHES
ZMRP	.0000	INCHES
TMRP	-37.500	INCHES
SCALE	10.150	

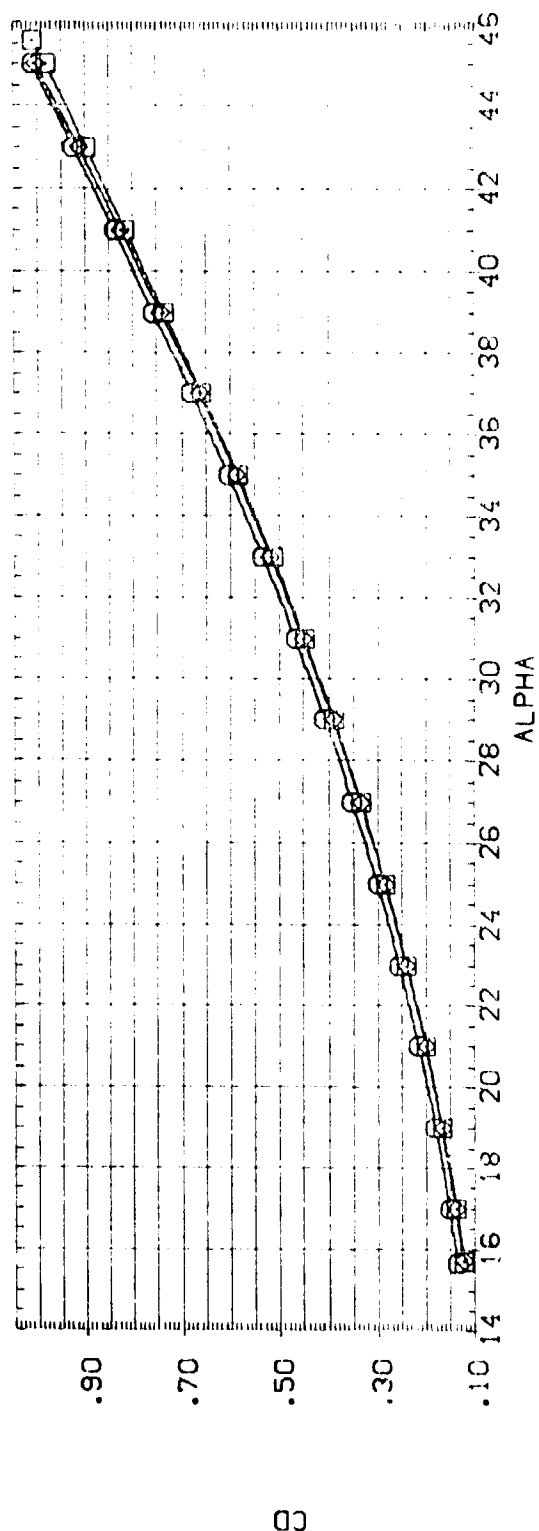
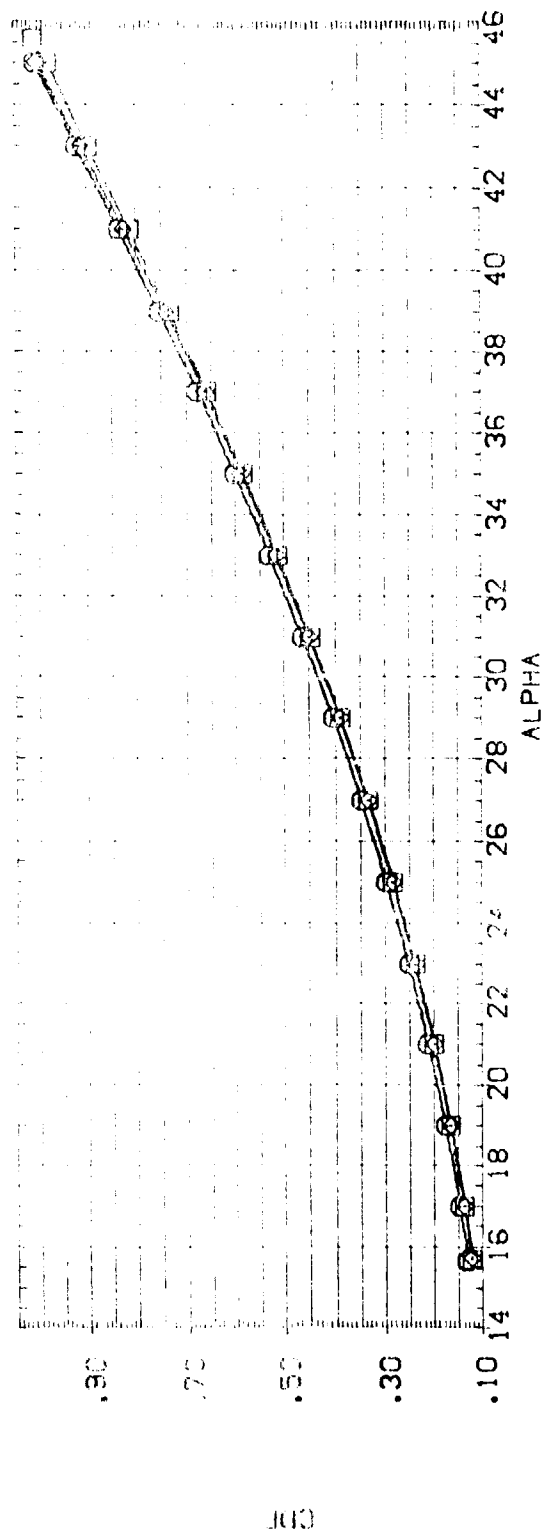
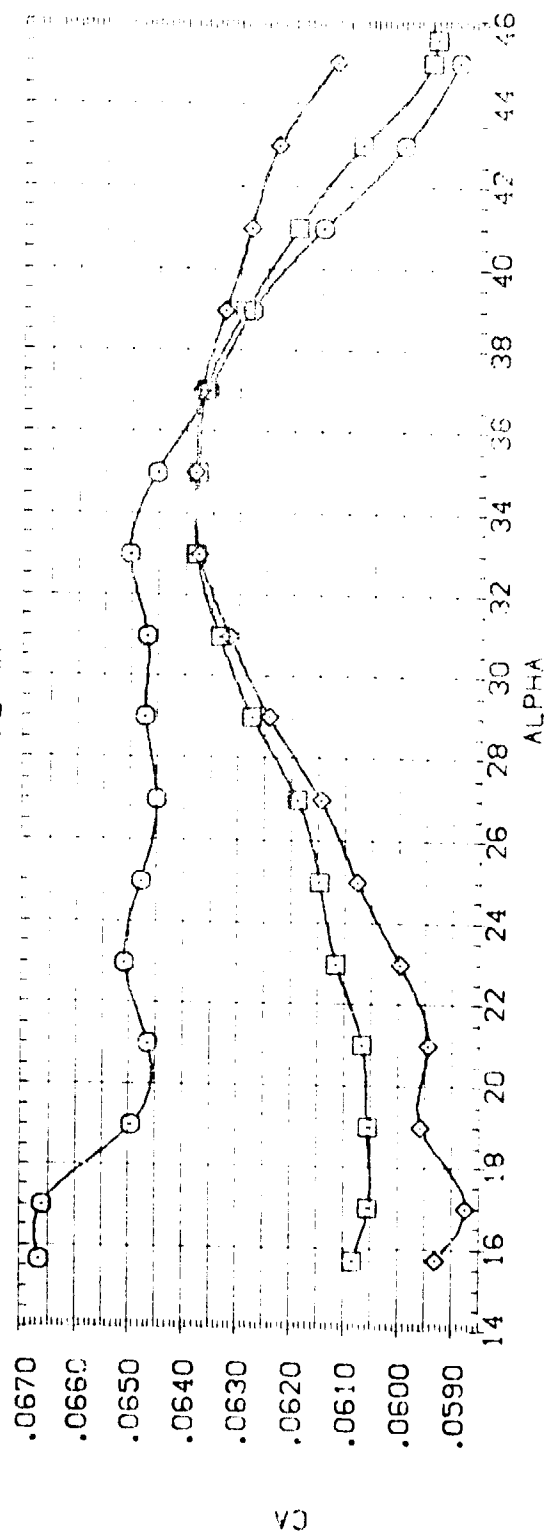
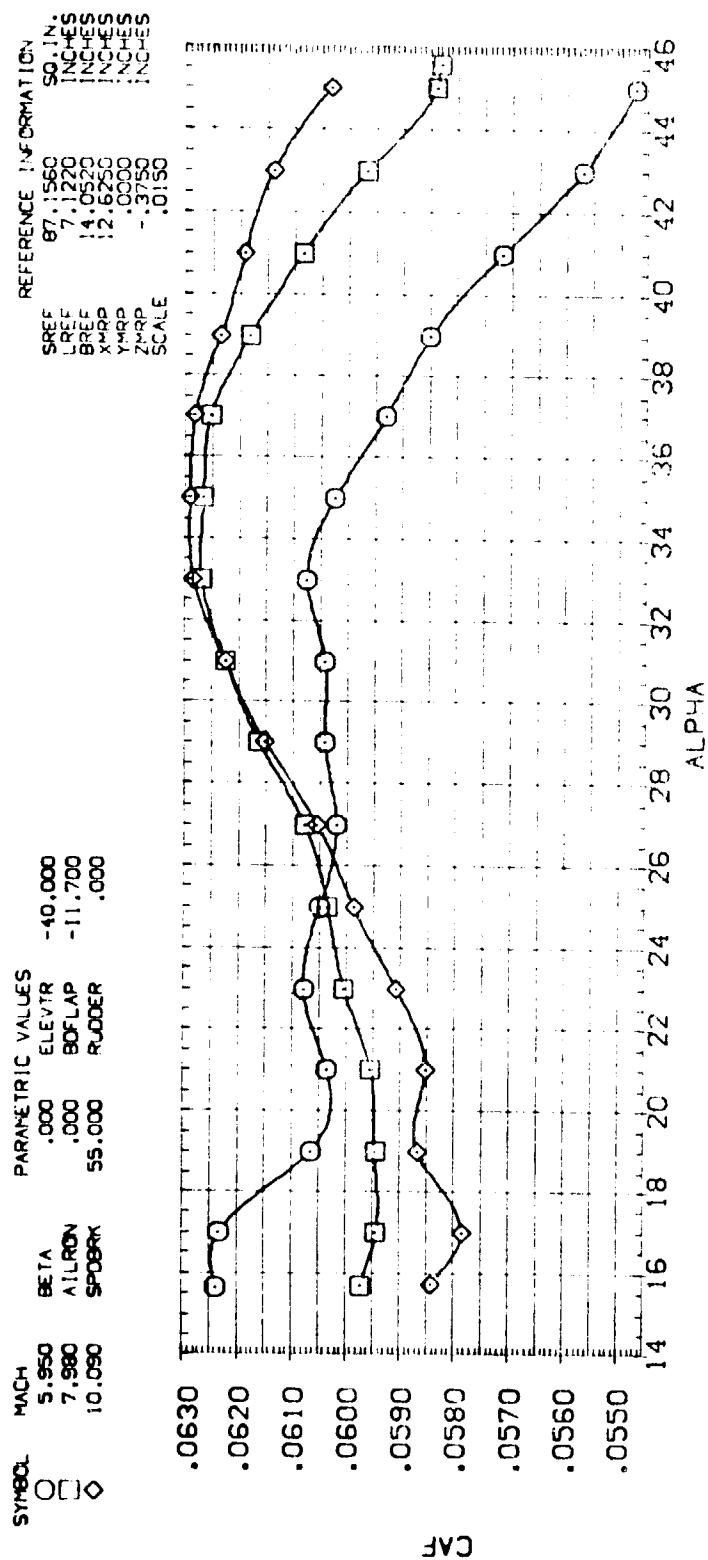


FIG 26 MACH NUMBER EFFECTS

AE DC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)



AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
○	5.950		.000 ELEVTR -40.000	SREF 87.1560 SQ. IN.
□	7.980	ALLRON	.000 BDFLAP -11.700	LREF 7.1220 INCHES
◇	10.090	SPOBRK	55.000 RUDDER .000	BREF 14.0530 INCHES
				YMRP 12.6250 INCHES
				ZMRP .0000 INCHES
				SCALE -.3750 INCHES
				.0150

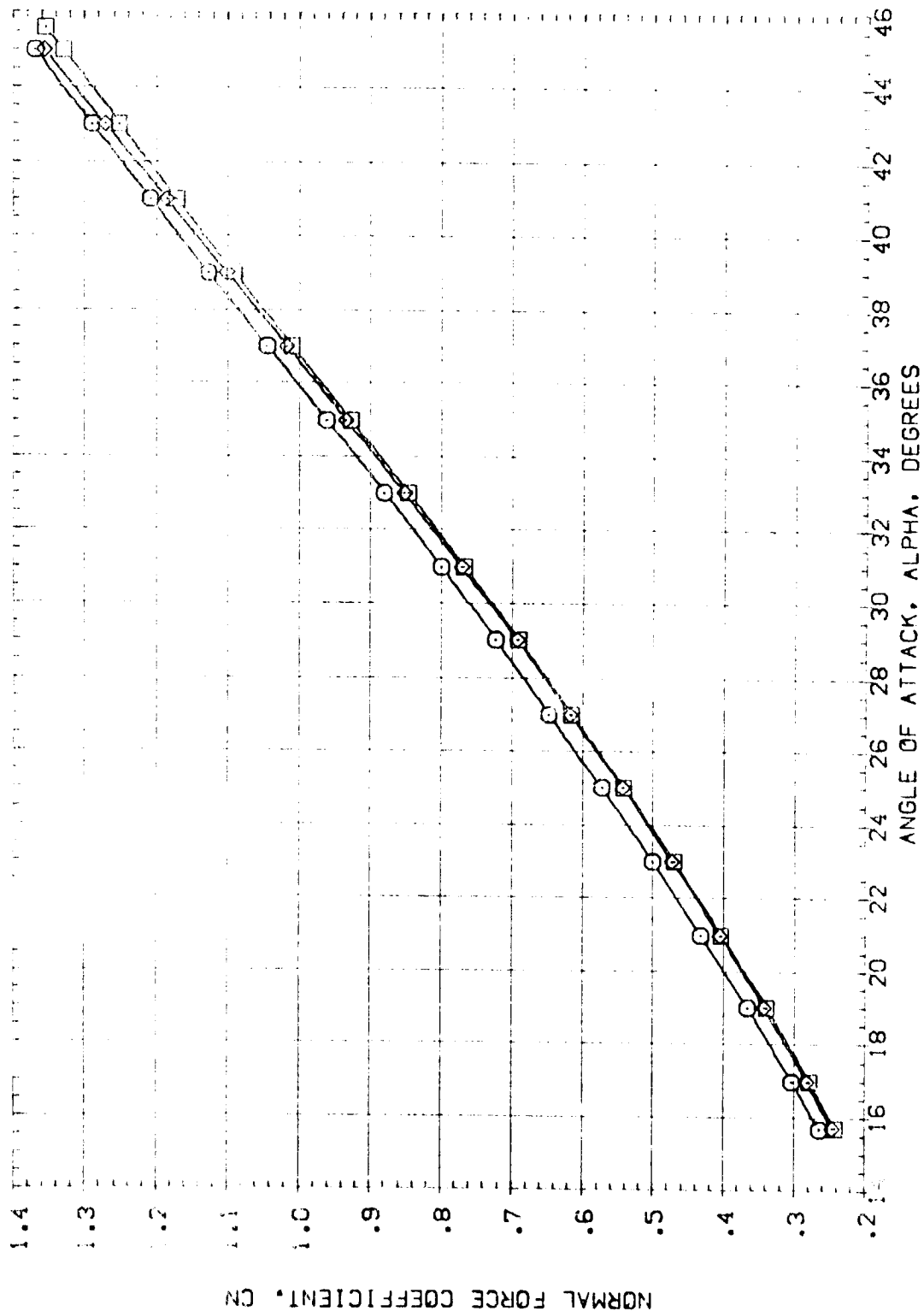


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
○	5.950	.000	ELEVTR -10.000	SREF 87.1560 SQ. IN.
□	7.980	.000	BDFLAP -11.700	LREF 7.1220 INCHES
◇	10.090	55.000	RUDDER .000	BREF 14.0520 INCHES
				XMRP 12.6250 INCHES
				YMRP .0000 INCHES
				ZMRP -.3750 INCHES
				SCALE .0150

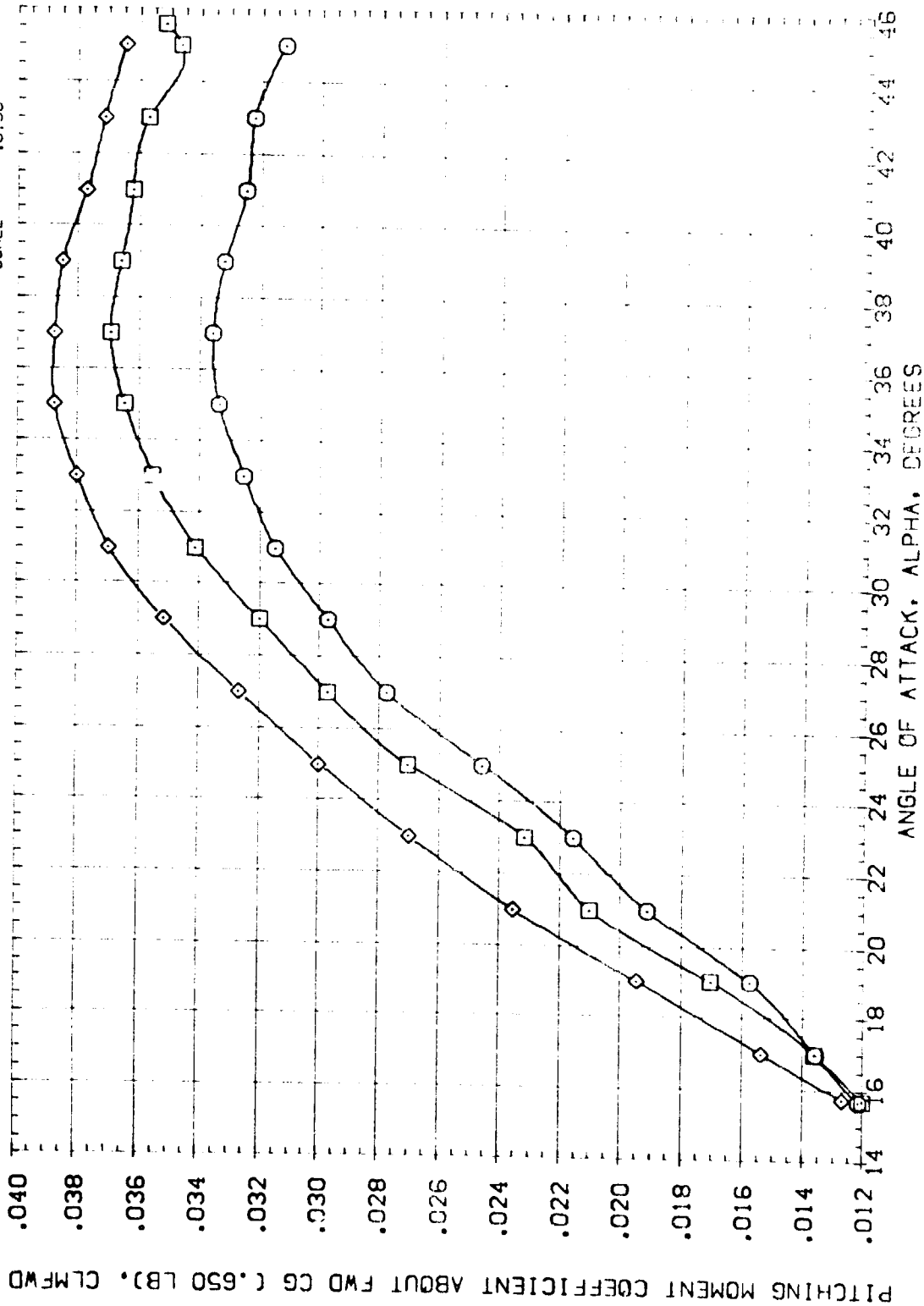


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
□	5.950		ELEVTR -40.000	SREF 87.1560 50. IN.
◇	7.980	AILRON	BOFLAP -11.700	LREF 7.1220 INCHES
	10.090	SPOBRK	RUDDER .000	BREF 14.0520 INCHES
				XMRP 12.6250 INCHES
				YMRP .0000 INCHES
				ZMRP -.3750 INCHES
				SCALE 10:50

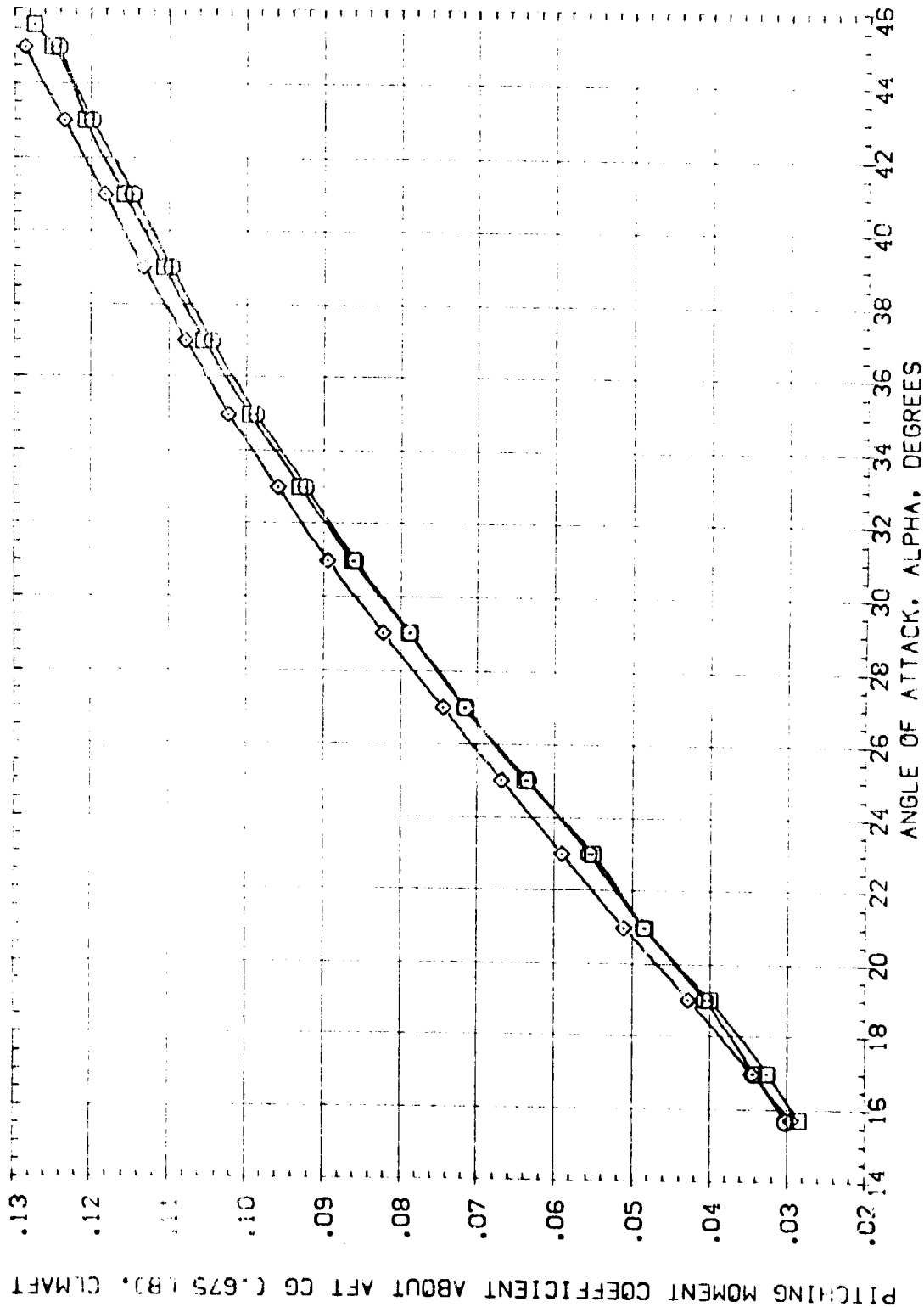
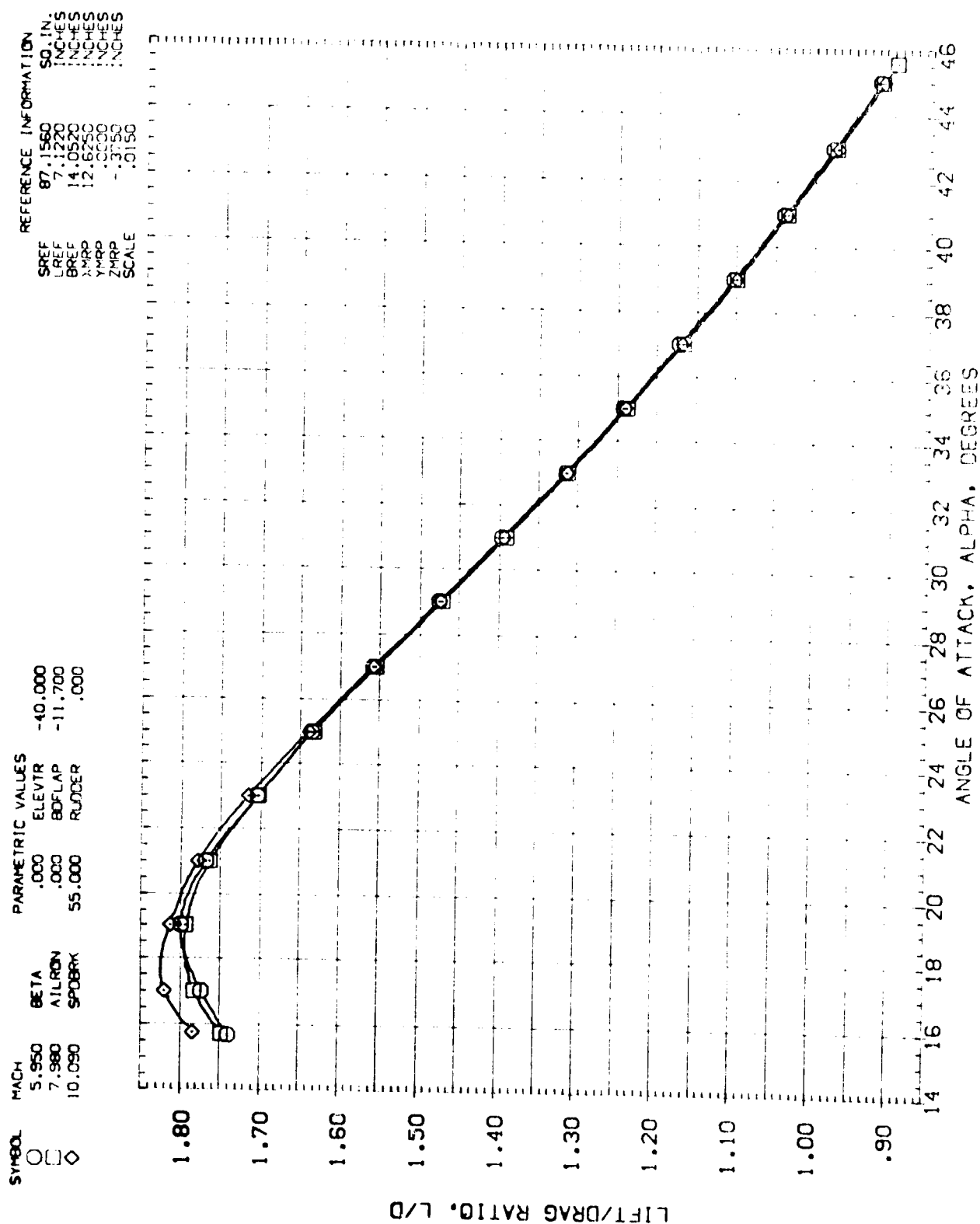


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)



AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)

REFERENCE INFORMATION	
SREF	87.1560
LREF	7.1220
BREF	14.0520
X4RP	12.6250
Y4RP	1.0000
Z4RP	-.3750
SCALE	.0150

PARAMETRIC VALUES	
BETA	-40.000
ELEVTR	-11.700
BOFLAP	.000
RUDDER	.000

MACH	
5.950	
7.380	
10.390	

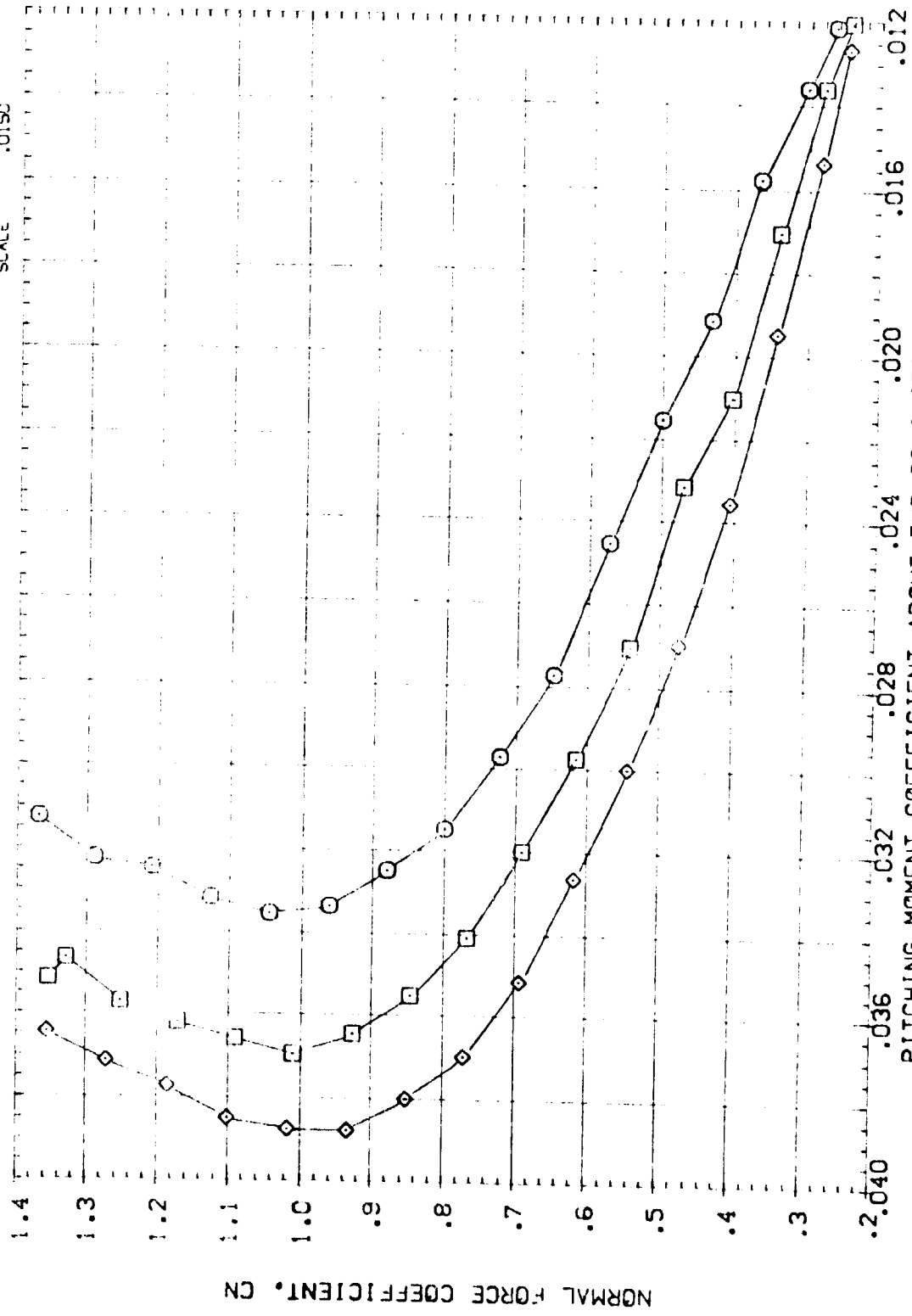


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
○	5.950	0.000	ELEVTR -40.000	SREF 87.1560 SQ. IN.
□	7.980	0.000	ELEVTR -11.700	LREF 7.1220 INCHES
◇	10.090	55.000	BDFLAP .000	BREF 14.0520 INCHES
			RUDDER .000	XMRP 12.6250 INCHES
				YMRP .0000 INCHES
				ZMRP -.3730 INCHES
				SCALE .0150

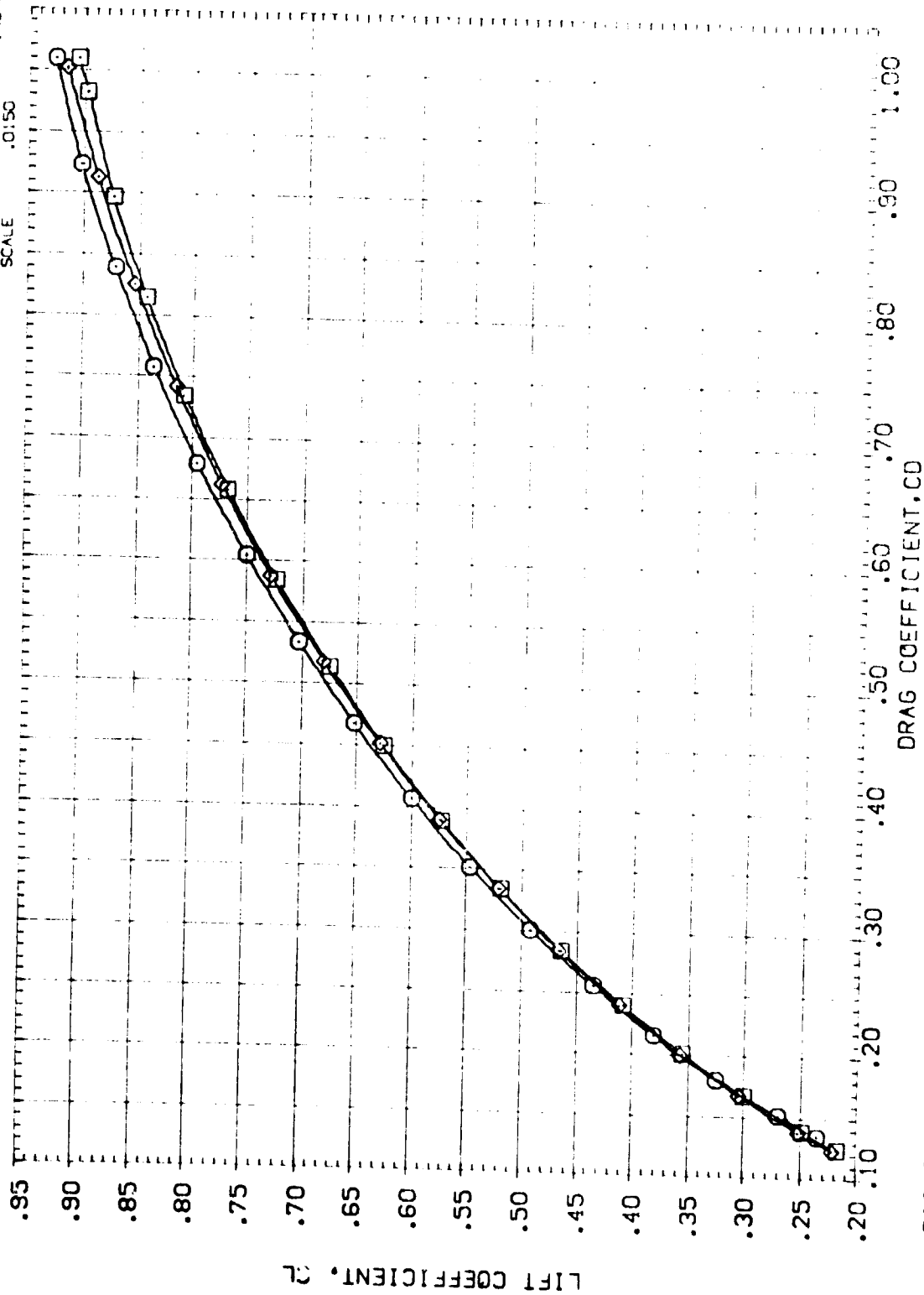


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN002)

REFERENCE INFORMATION
 SREF 87.1560 SQ. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRP 12.6250 INCHES
 YMRP .0000 INCHES
 ZMRP -.3750 INCHES
 SCALE .0150

PARAMETRIC VALUES
 BETA .000 ELEVTR -40.000
 AILRON .000 BOFLAP -11.700
 SPD3RY 55.000 RUDDER .000

SYMBOL MACH
 ○ 5.950
 □ 7.980
 ◇ 10.090

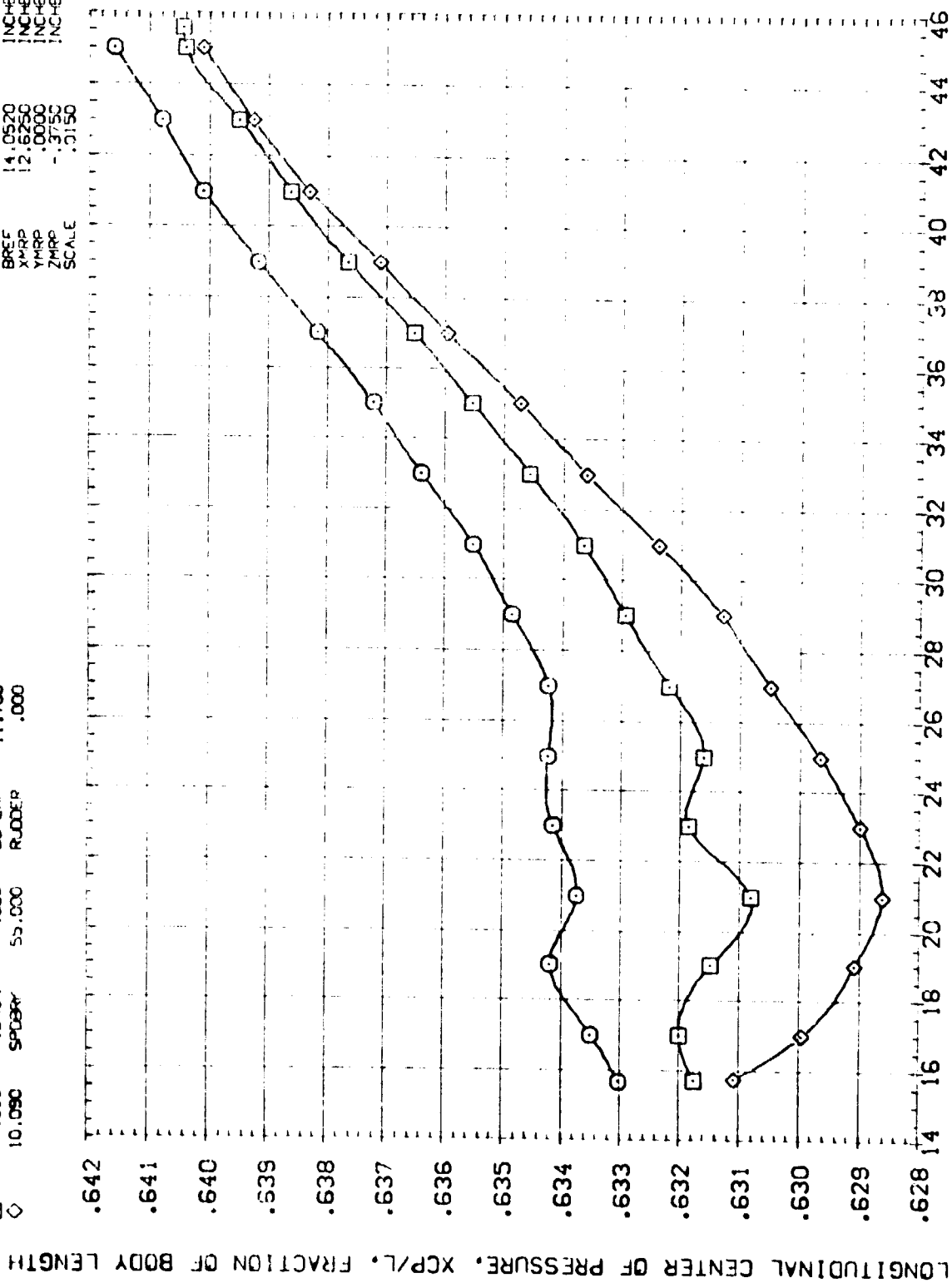


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN032)

SYMBOL	MACH	PARAMETRIC VALUES				REFERENCE INFORMATION			
		BETA	ELEVTR	BOFLAP	RUDDER	SREF	SO IN.	INCHES	INCHES
○	5.950	.000	.000	.000	.000	LREF	7.1220	INCHES	INCHES
□	7.980	.000	.000	.000	.000	XMRP	14.0520	INCHES	INCHES
◇	10.090	55.000	.000	.000	.000	YMRP	12.6250	INCHES	INCHES
						ZMRP	.0000	INCHES	INCHES
						SCALE	10:50	INCHES	INCHES

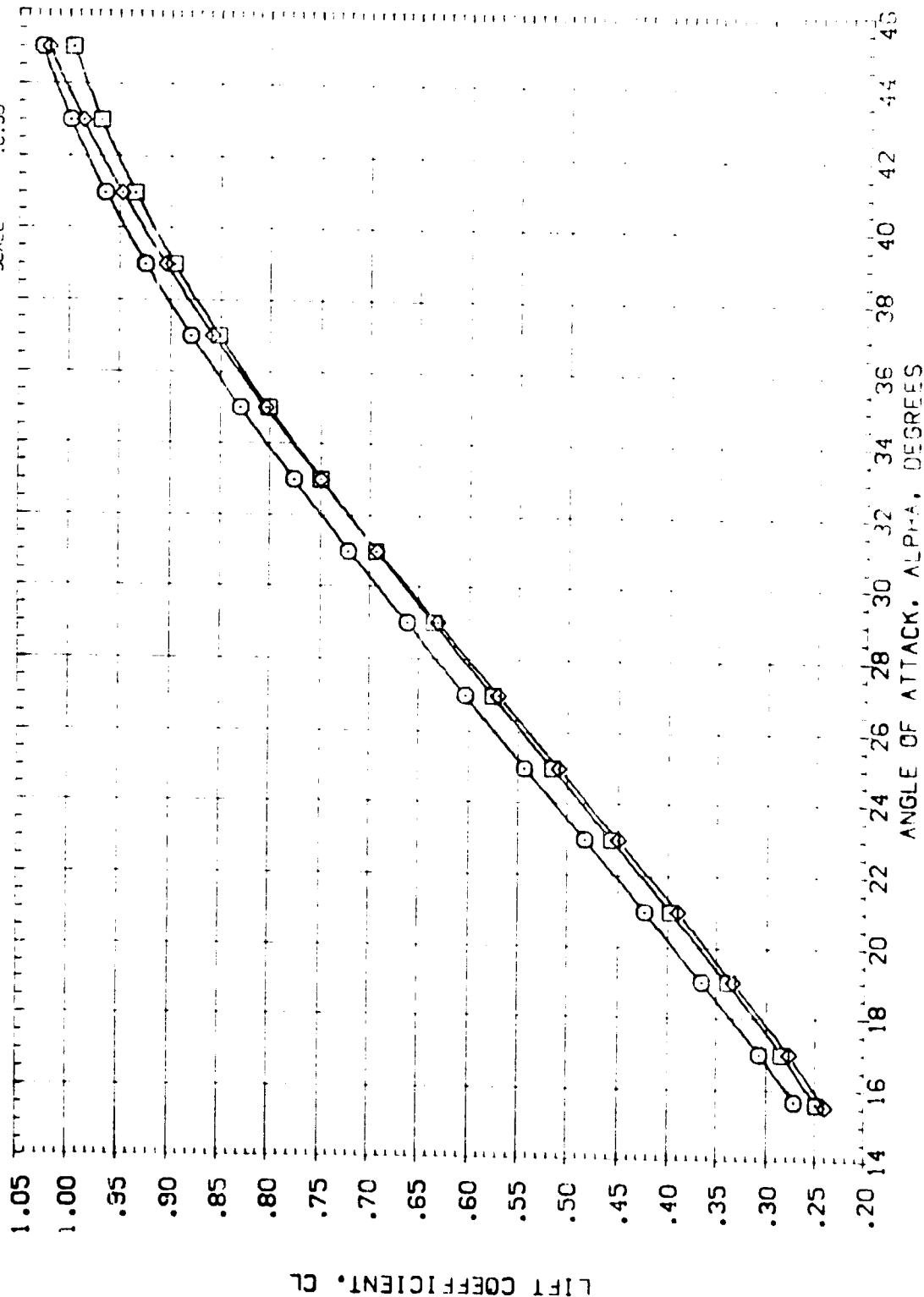


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (926C9F7M7)(W116E26)(V8R5) (ATN032)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
C	5.950	.000	ELEVTR	SIZE 87.1560
U	7.980	.000	BOFLAP	REF 7.1220
U	10.090	.000	RUDER	BRF 14.0510
				XGRP 12.6250
				YHDP .0000
				ZHDP -.3750
				SCALE .0150
				SO IN INCHES
				INCHES
				INCHES
				INCHES
				INCHES

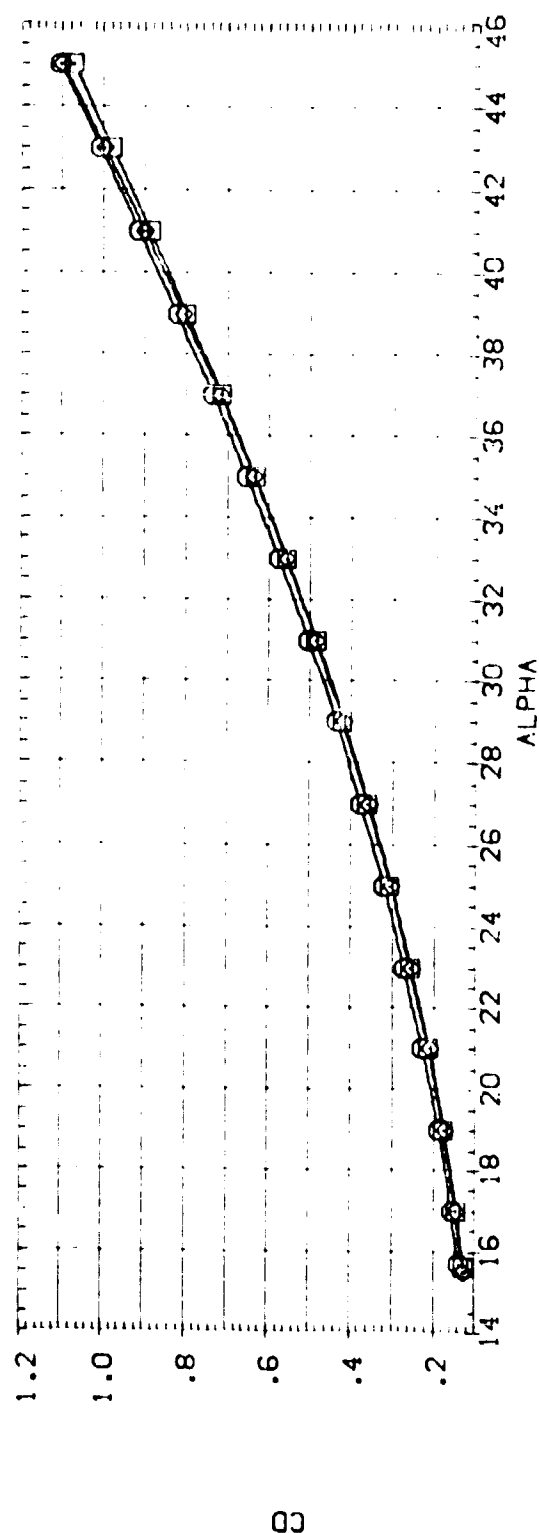
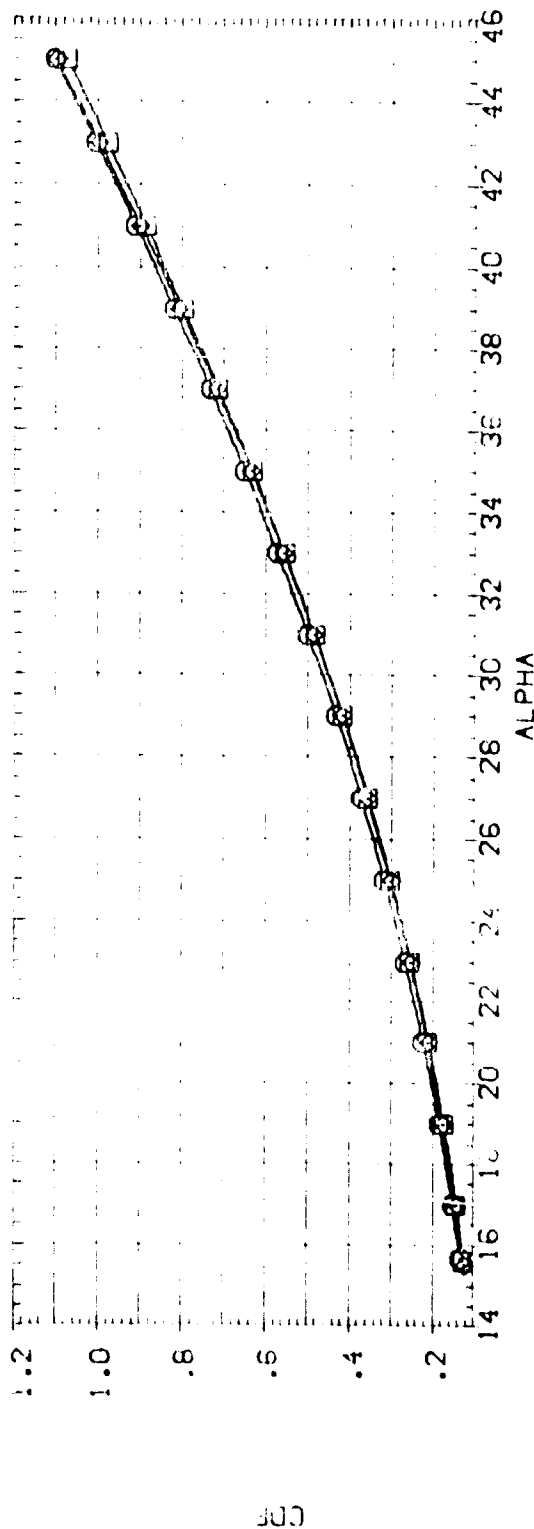


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN032)

SYMBOL	MACH	PARAMETRIC VALUES				REFERENCE INFORMATION			
		BETA	ELEVTR	BOFLAP	RUDDER	SREF	LREF	SCAL	SCALE
○	5.950	.000	.000	.000	.000	87.1560	7.1220	INCHES	
□	7.980	.000	.000	.000	.000	14.0520	12.6250	INCHES	
◇	10.090	55.000	.000	.000	.000	12.6250	.0000	INCHES	
						YMRP	ZMRP	INCHES	
									SCALE
									0.0150

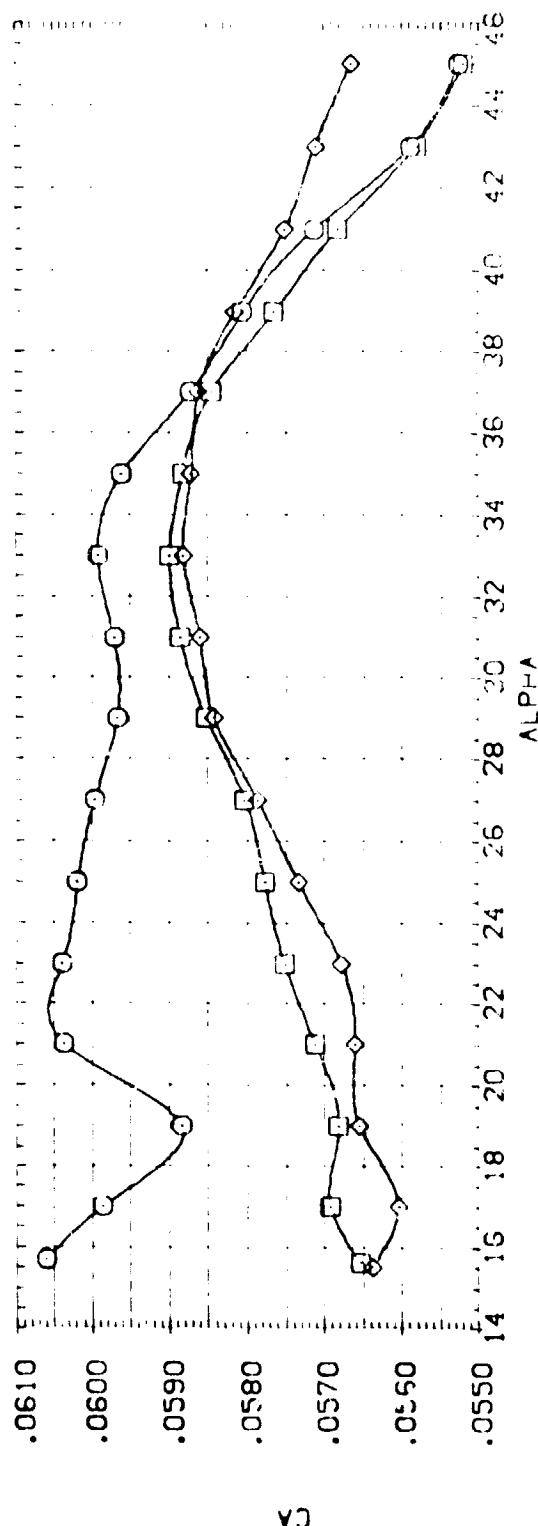
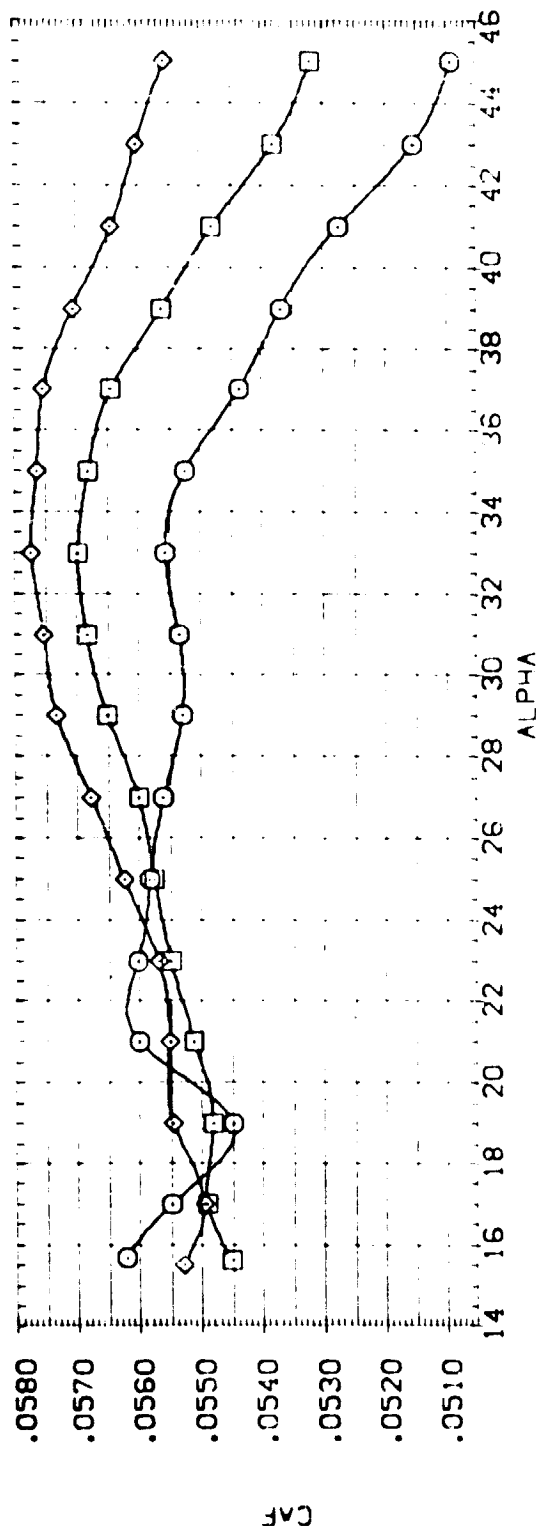


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN032)

SYMBOL	MACH	PARAMETRIC VALUES				REFERENCE INFORMATION			
		BETA	ELEVTR	BOFLAP	RUDDER	SREF	LREF	BREF	SO, IN.
□	5.950	.000	.000	.000	.000	87.1550	7.1220	14.0520	INCHES
□	7.980	.000	.000	.000	.000	12.6250	.0000	.0000	INCHES
○	10.090	55.000	.000	.000	.000	-.3750	.0150	.0150	INCHES

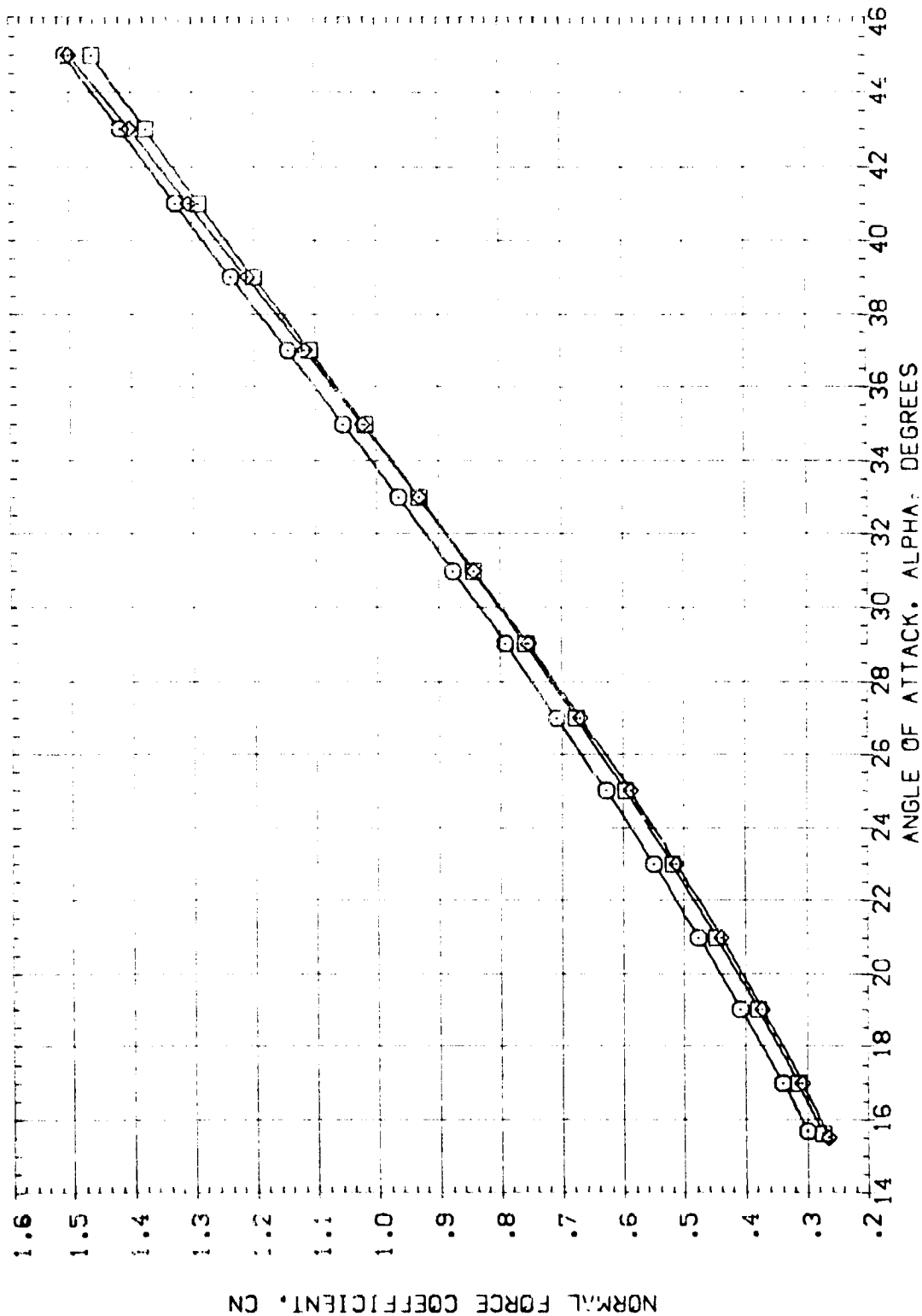


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (826C9F7M7)(W116E26)(V8R5) (ATN032)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
○	5.950		ELEVTR .000	SREF 87.1560
□	7.980	AILRON	BOFLAP .000	LREF 7.1220
◇	10.090	SPOBRK	RUDDER .000	BREF 14.0520
				YMRP 12.6250
				ZMRP .0000
				SCALE -.3750
				.0150

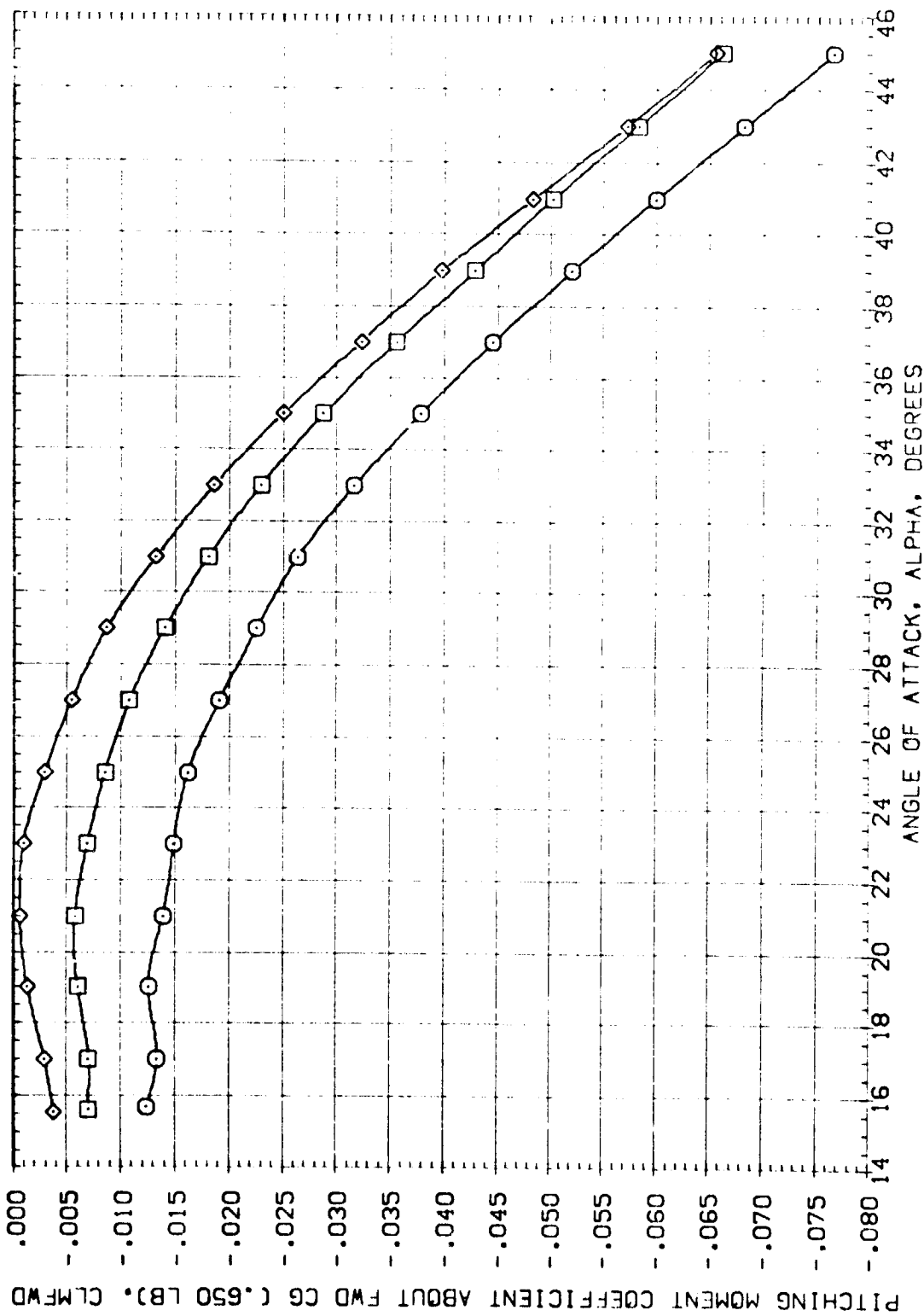


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN032)

SYMBOL	MACH	PARAMETRIC VALUES				REFERENCE INFORMATION			
		BETA	ELEVTR	BOFLAP	RUDDER	SREF	SO, IN.	INCHES	INCHES
○	5.950	.000	.000	.000	.000	LREF	7.1220	INCHES	INCHES
□	7.980	.000	.000	.000	.000	BREF	14.0620	INCHES	INCHES
◇	10.090	55.000	.000	.000	.000	XMRP	12.6250	INCHES	INCHES
						YMRP	.0000	INCHES	INCHES
						ZMRP	-.3750	INCHES	INCHES
						SCALE	.0150		

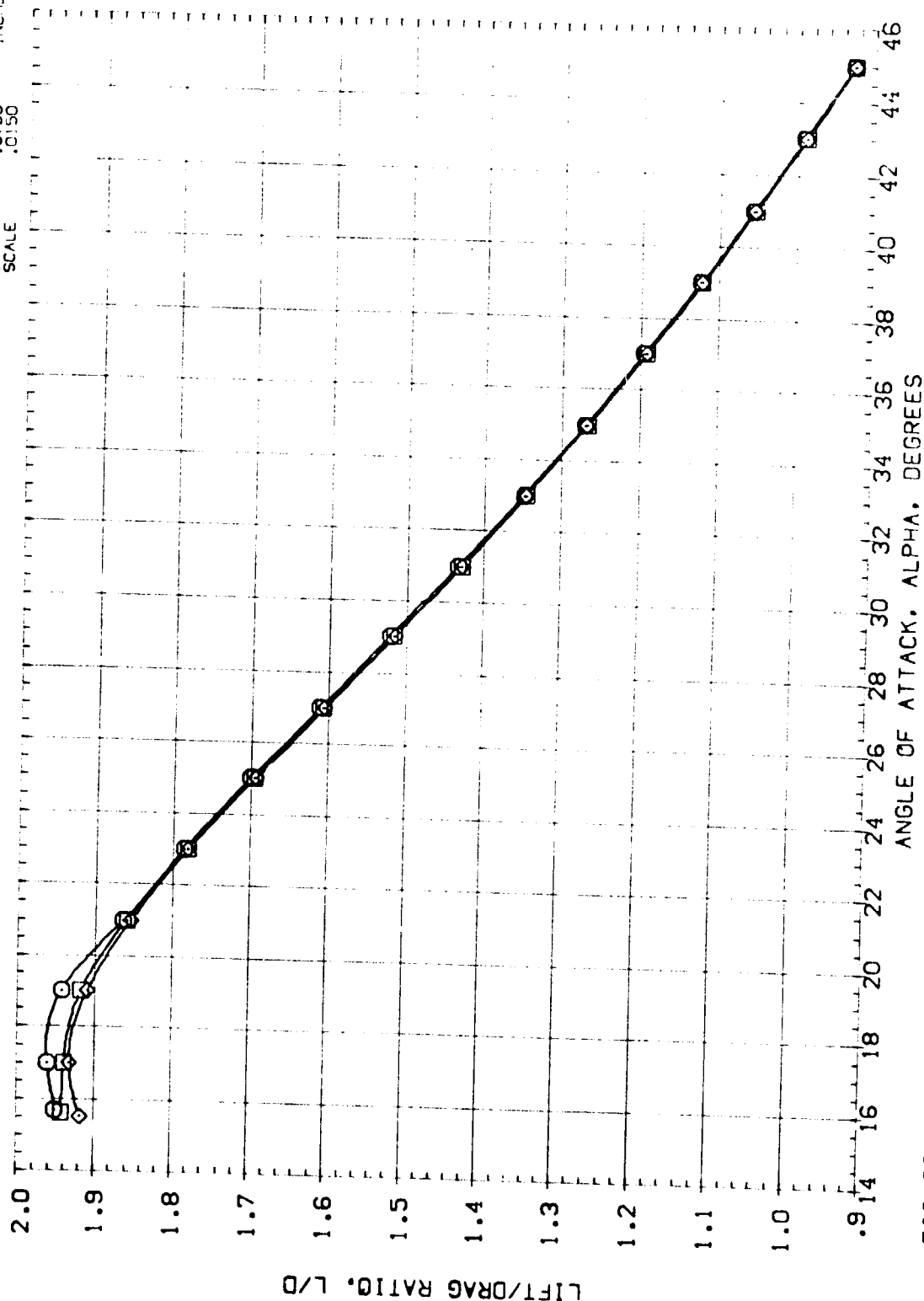


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN032)

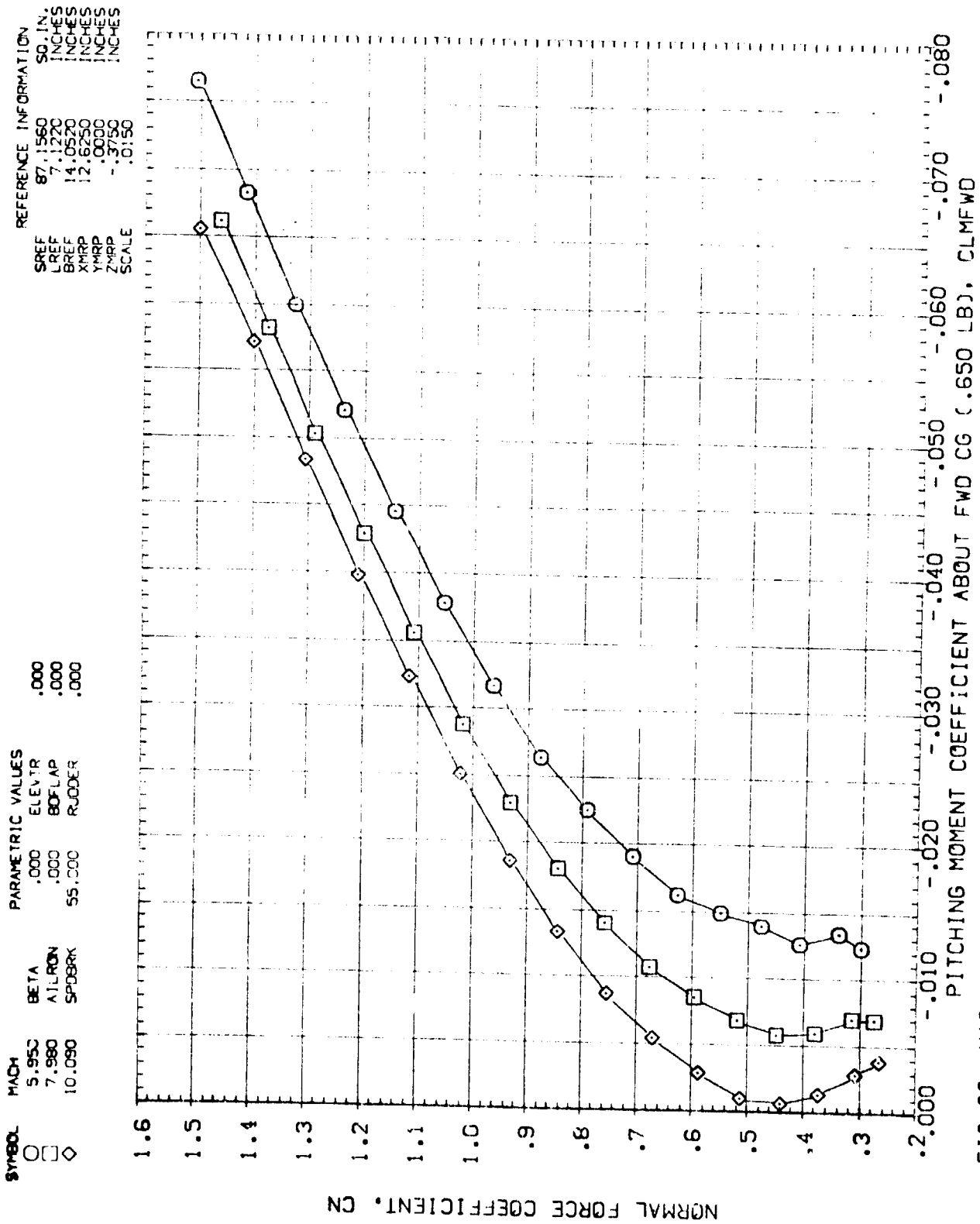


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN032)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
○	5.950	.000	ELEVTR	SREF 87.1560
□	7.980	.000	BDFLAP	LREF 7.1220
◇	10.090	55.000	RJODEI	BREF 14.0520
				XMRP 12.6250
				YMRP .0000
				ZMRP -.3750
				SCALE .0150
				SQ. IN. INCHES
				INCHES INCHES
				INCHES INCHES
				INCHES INCHES

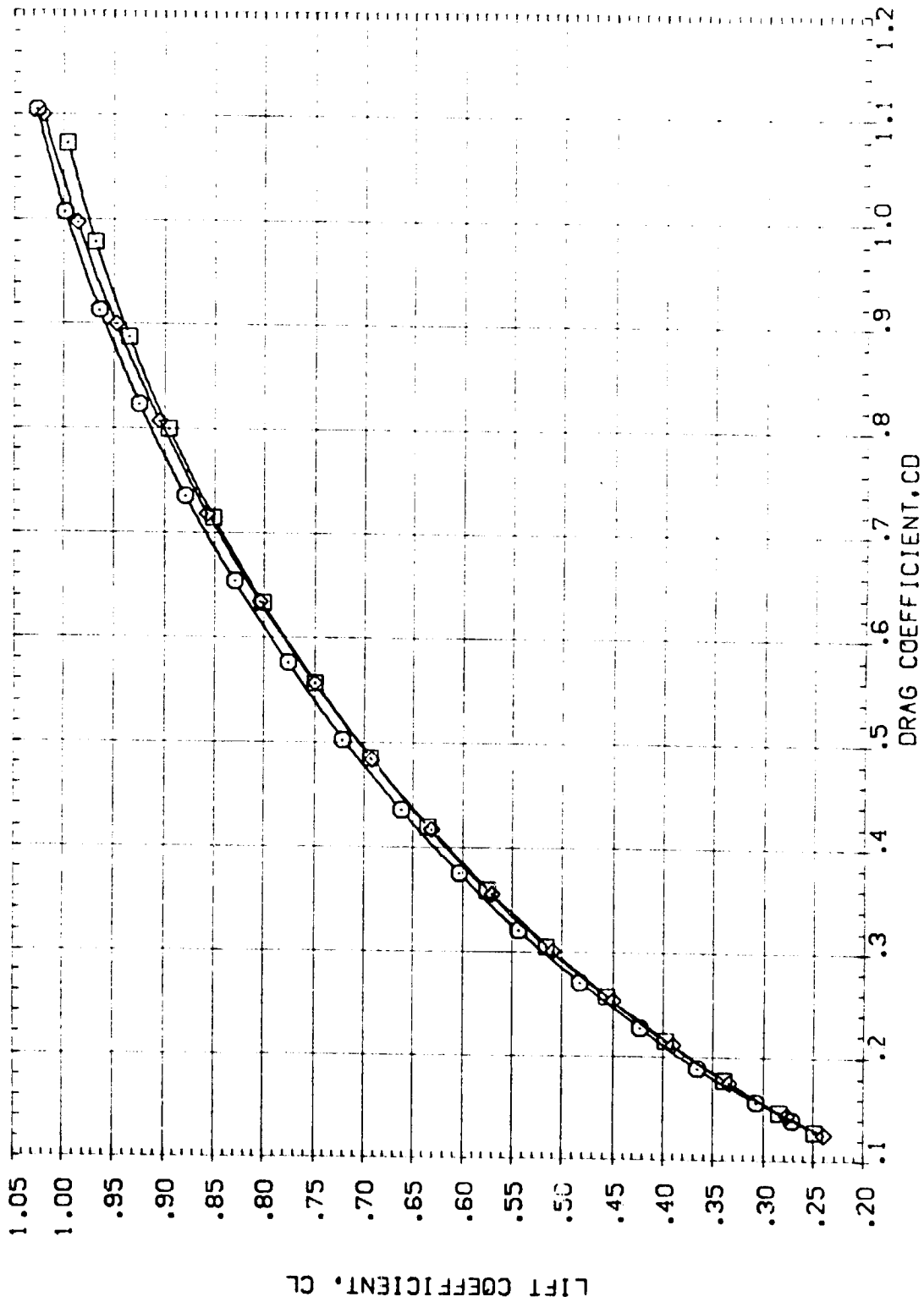


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN032)

REFERENCE INFORMATION
 SREF 87.1560 50. IN.
 LREF 7.1220 INCHES
 BREF 14.0520 INCHES
 XMRD 12.6250 INCHES
 YMRD .0000 INCHES
 ZMRD -.3750 INCHES
 SCALE .0150

PARAMETRIC VALUES
 BETA .000 ELEVTR .000
 AILRON .000 BOFLAP .000
 SPOBRK 53.000 RUDDER .000

SYMBOL MACH
 ○ 5.950
 □ 7.980
 ◇ 10.090

LONGITUDINAL CENTER OF PRESSURE, XCP/L, FRACTION OF BODY LENGTH

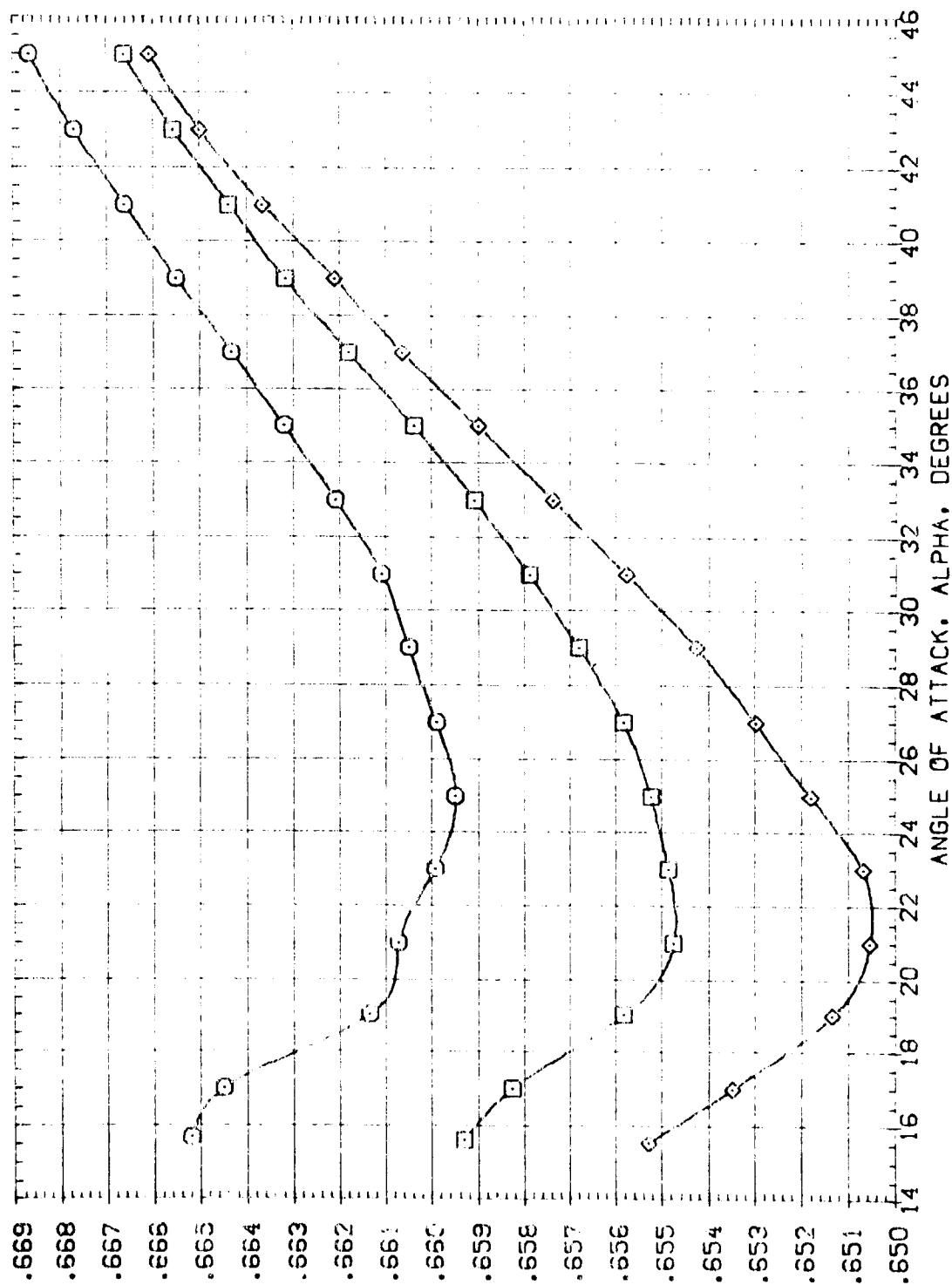


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E2G)(V8R5) (ATN058)

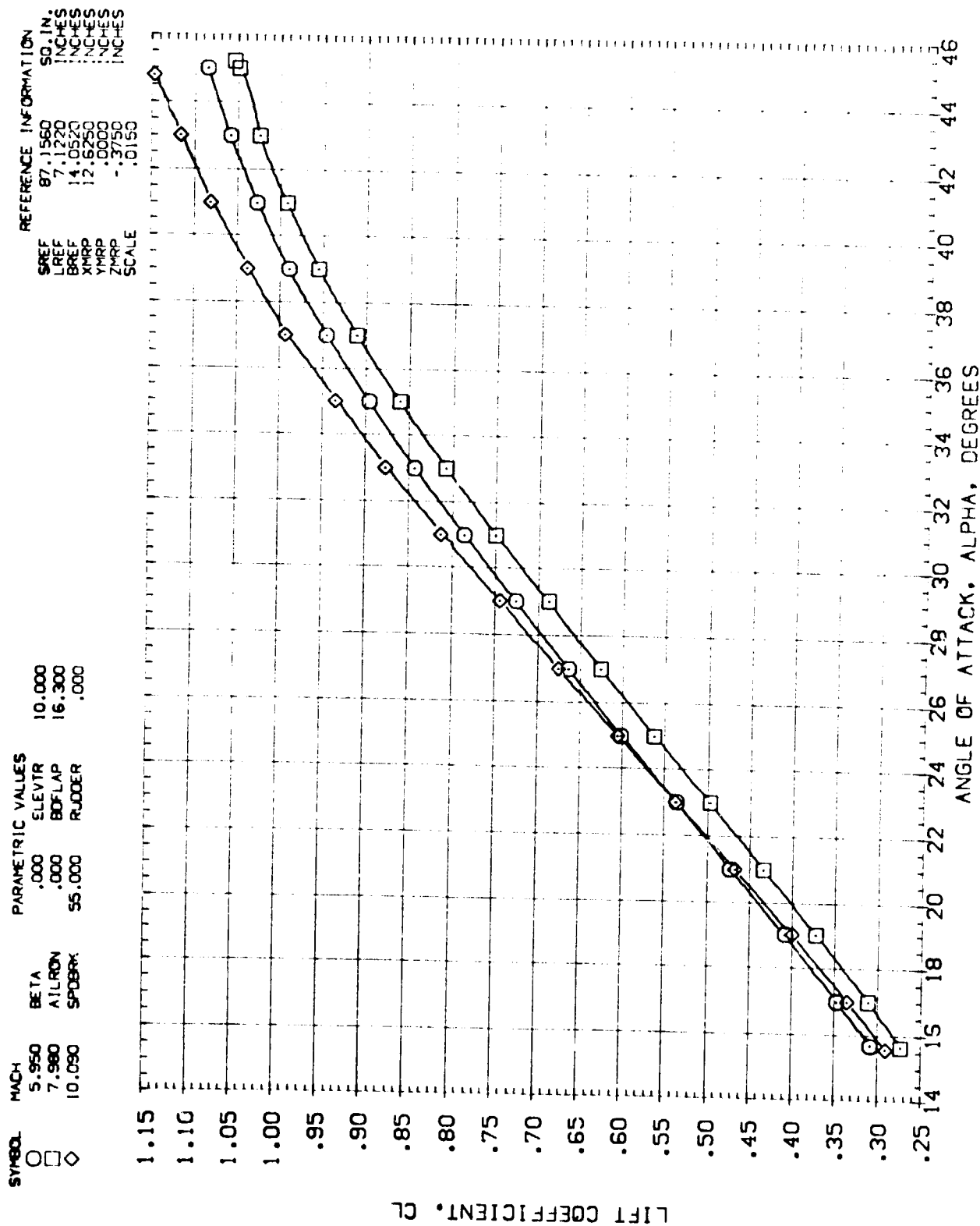


FIG 26 MACH NUMBER EFFECTS

AE0C YA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN058)

SYMBOL

MACH

PARAMETER

C VÄLLES

22

4
3
2
1

...

3

6

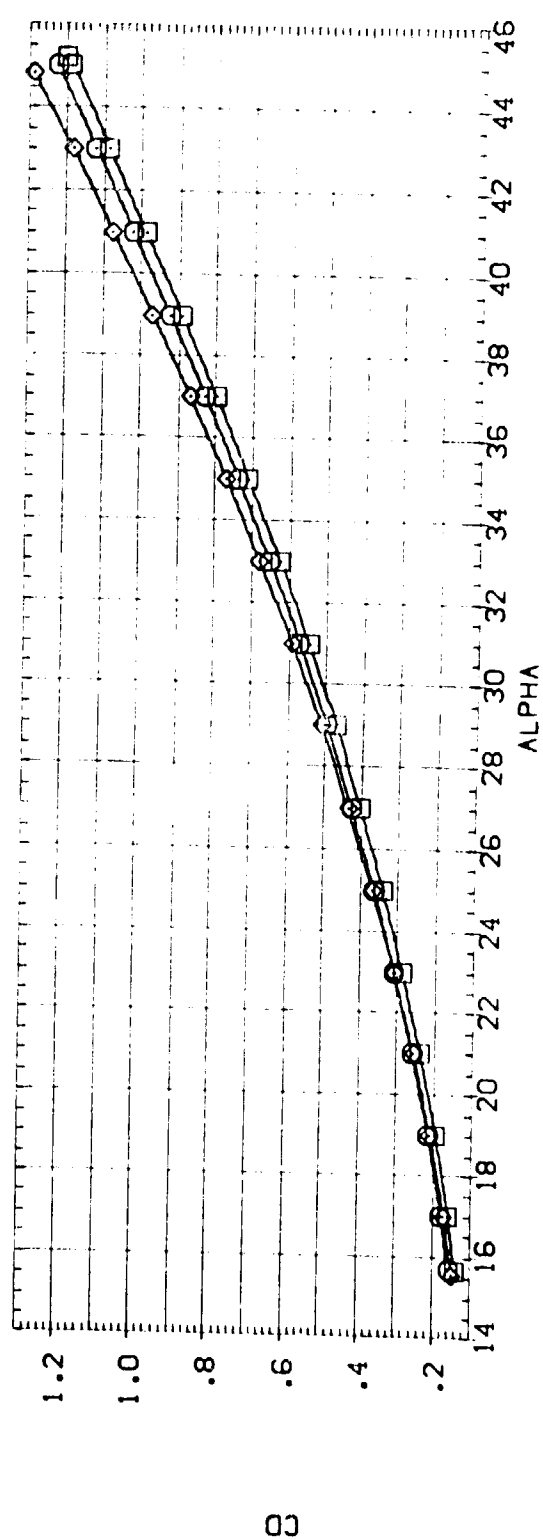
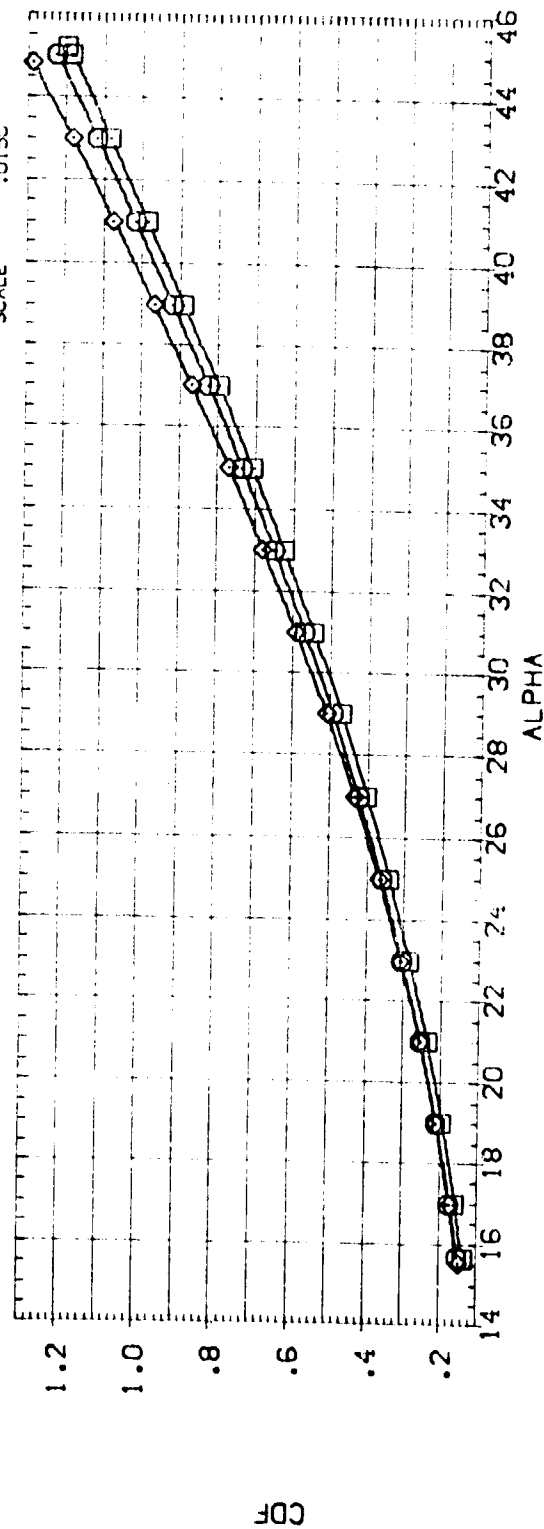


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN058)

SYMBOL	PARAMETRIC VALUES				REFERENCE INFORMATION			
	MACH	BETA	ELEVTR	10.000	SREF	87.1550	50.1N	
○	5.950	.000	BOFLAP	16.300	LREF	7.1220	INCHES	
□	7.980	.000	RUDER	.000	BREF	14.0520	INCHES	
◇	10.090	55.000			XMRP	12.6250	INCHES	
					YMRP	.0000	INCHES	
					ZMRP	-.3750	INCHES	
					SCALE	.0150		

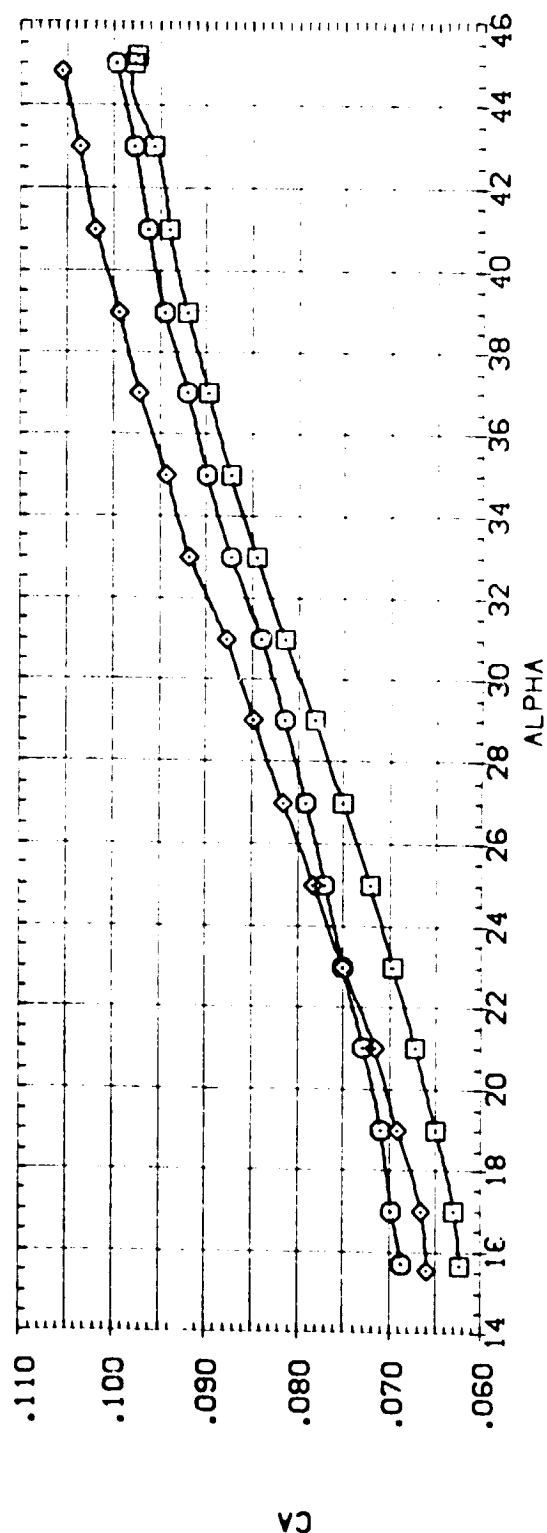
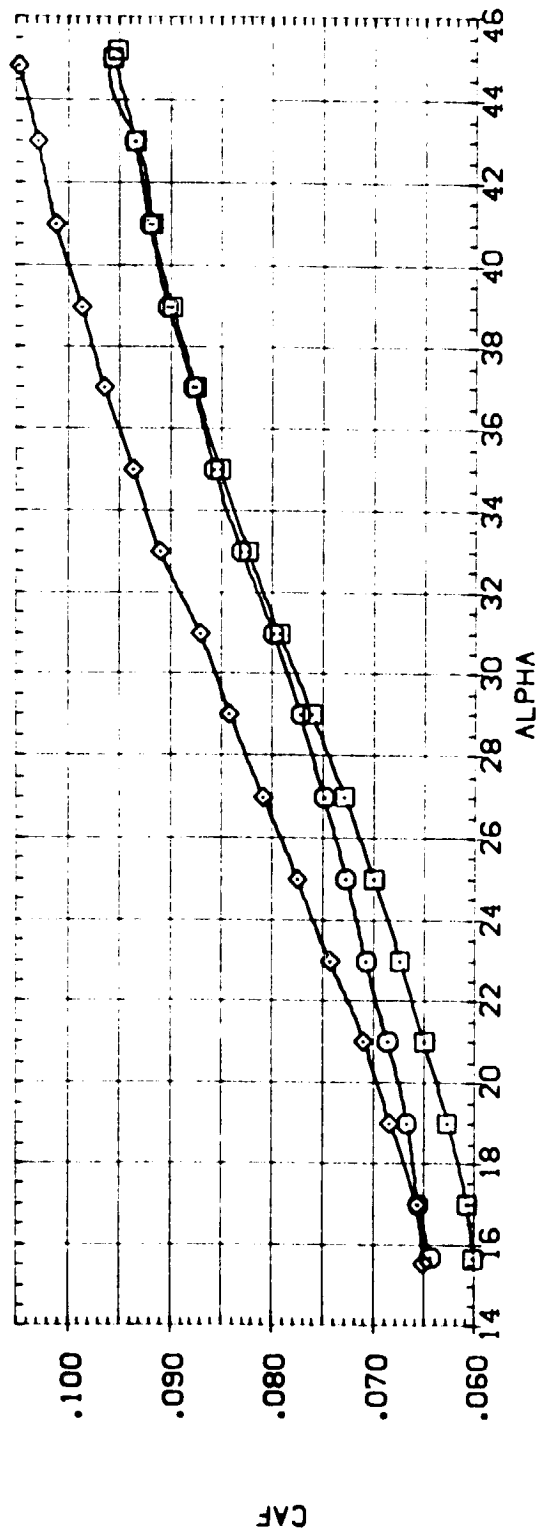


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN058)

SYMBOL	MACH	BETA	AILLON	SPOBRK	PARAMETRIC VALUES	ELEVTR	10.000	16.300	.000	REFERENCE INFORMATION	SO. IN.
○	5.950	.000	.000	.000	BD LAP	10.000				SREF	87.1560
□	7.980	.000	.000	.000	RLOOR	16.300				LREF	7.1220
◇	10.080	.000	.000	.000						BREF	14.0520
										XMRP	12.6250
										YMRP	.0000
										ZMRP	-.3750
										SCALE	.0150

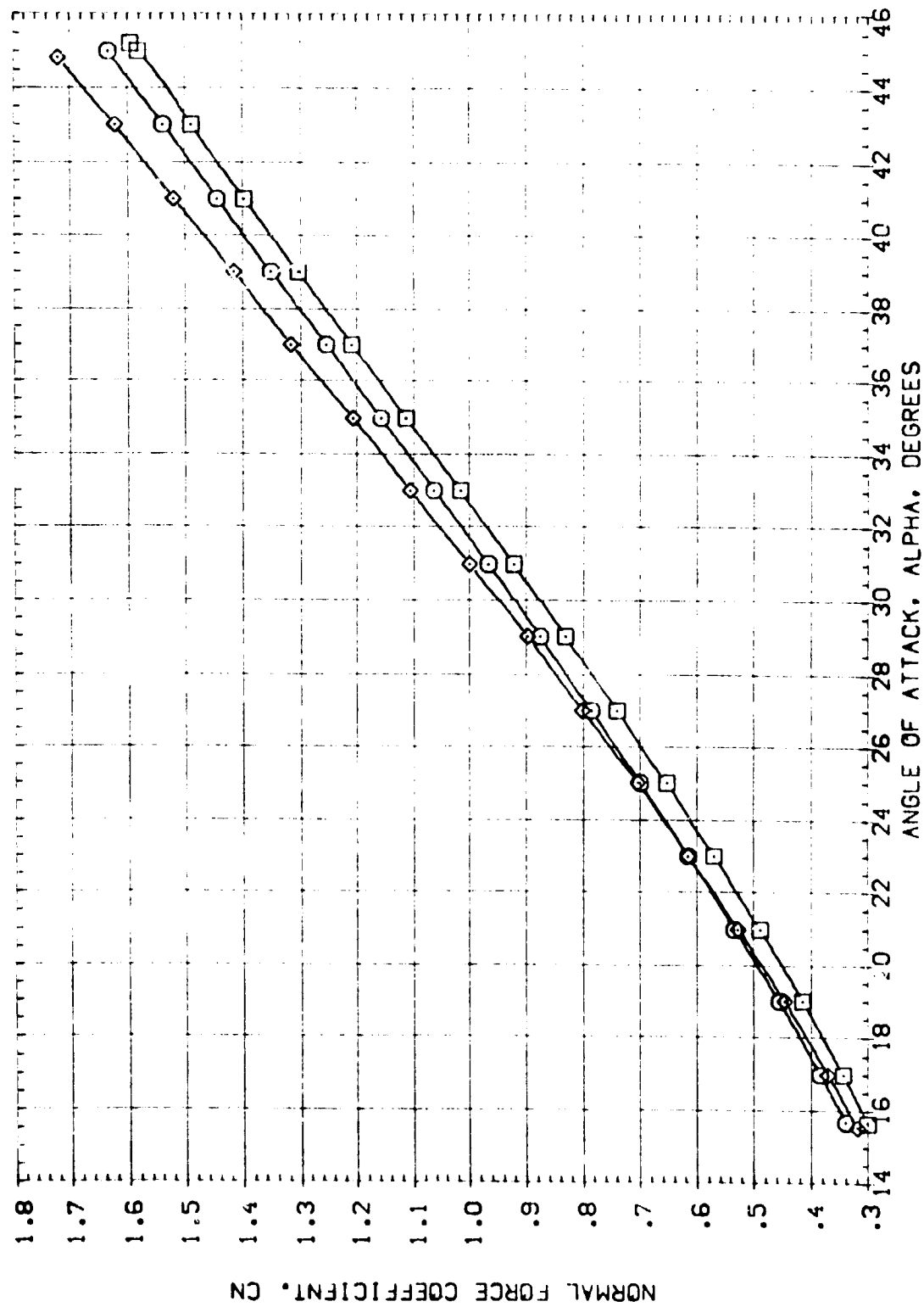


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (826C9F7M7)(W116E26)(V8R5) (ATN058)

SYMBOL MACH

○ 5.950

□ 7.980

◇ 10.090

PARAMETRIC VALUES

BETA .000

AILRON .000

SPOBRK 55.000

ELEVTR 10.000

BOFLAP 16.300

RUDDER .000

REFERENCE INFORMATION

SREF 87.1560

LREF 7.1220

BREF 14.0520

YMRP 12.6250

ZMRP .0000

SCALE -.3750

SO. IN. INCHES

INCHES

INCHES

INCHES

INCHES

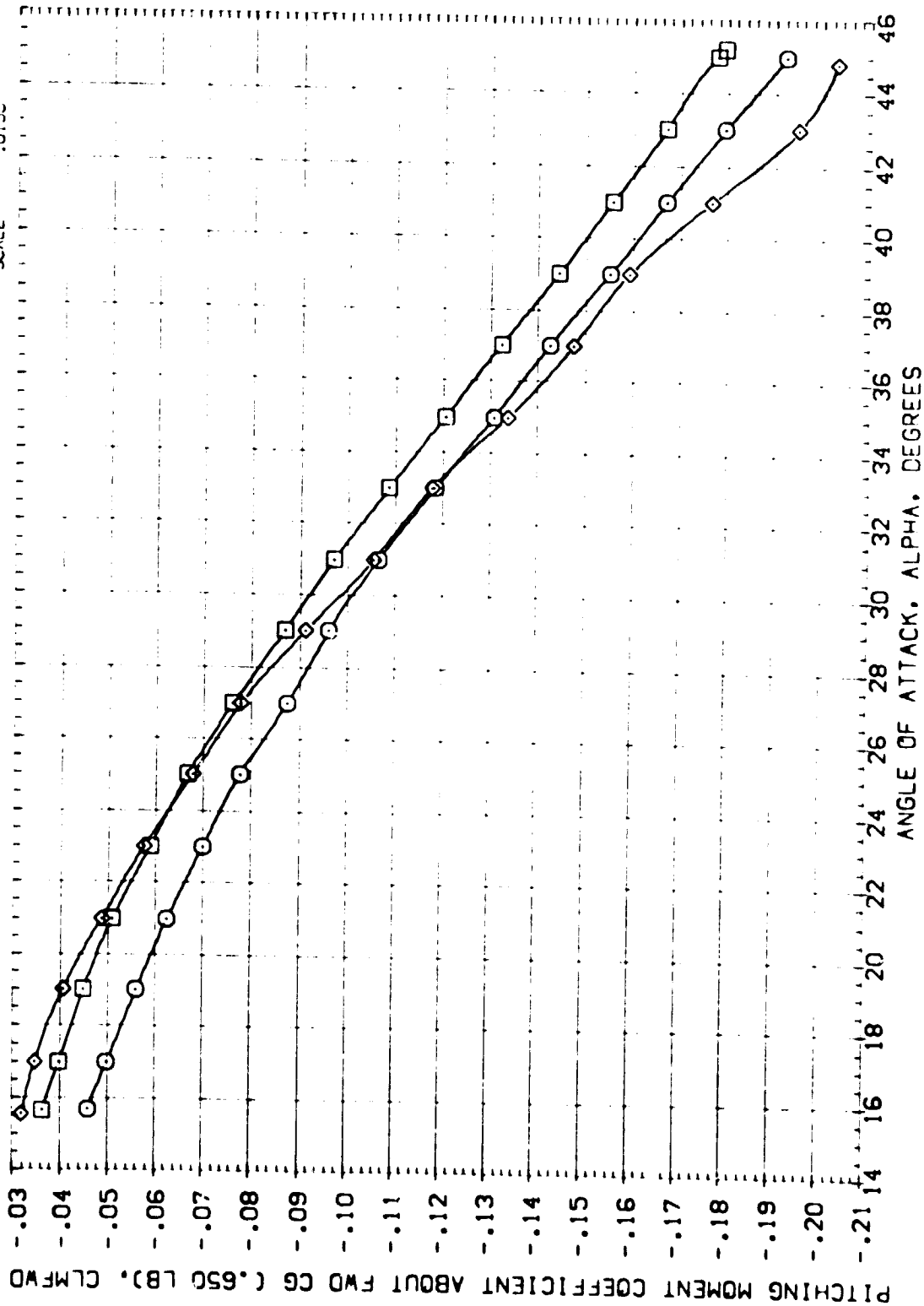


FIG 26 MACH NUMBER EFFECTS

AFDC VA474(QA77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN058)

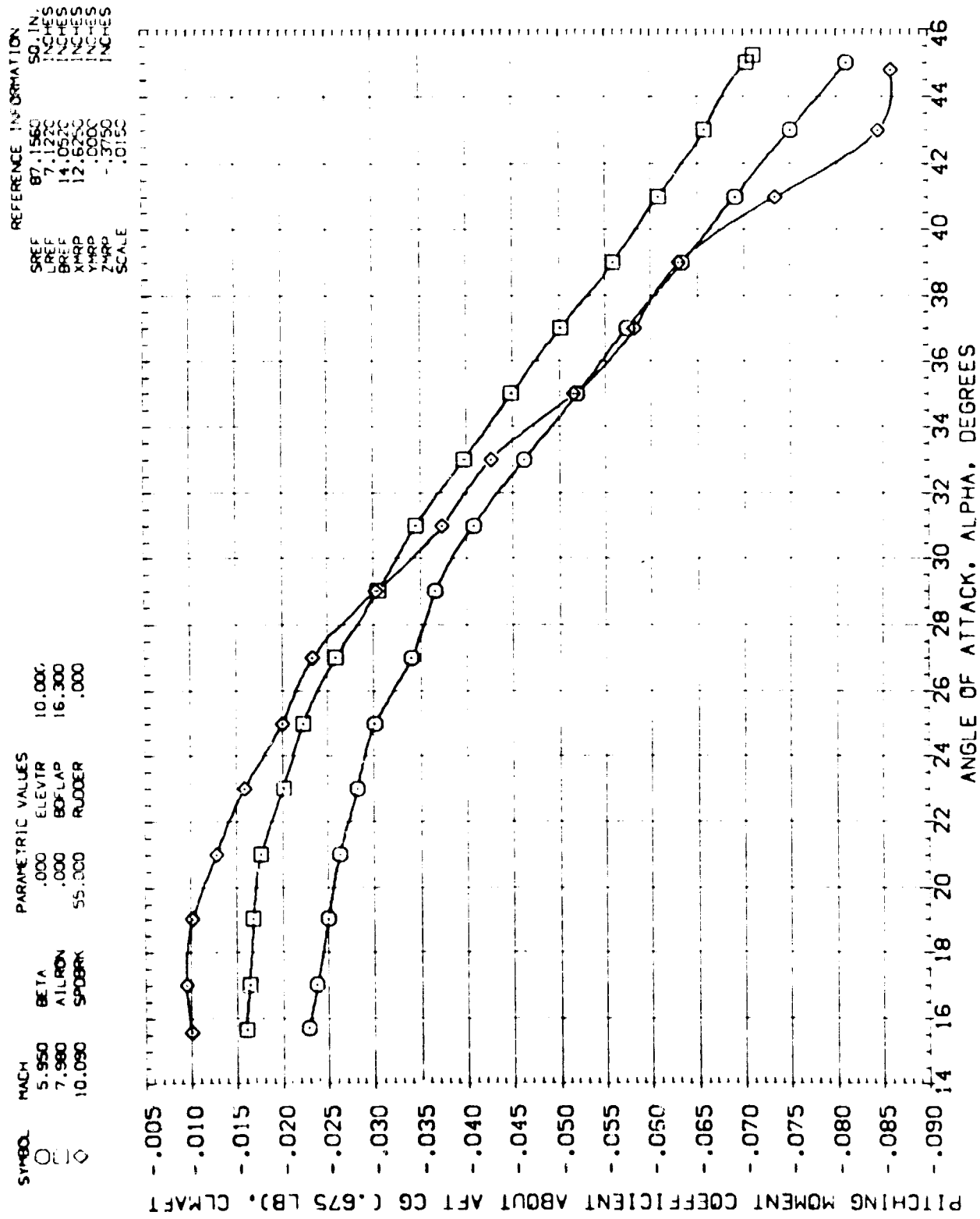


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E2G)(V8R5) (ATN058)

SYMBOL	MACH	PARAMETRIC VALUES				REFERENCE INFORMATION			
		BETA	ELEVTR	BDFLAP	RUDDER	SREF	LRREF	SR, IN.	NOTES
○	5.950	.000	.000	.000	.000	87.1560	7.1220	7.1220	NOTES
□	7.980	.000	.000	.000	.000	14.0520	14.0520	14.0520	NOTES
◇	10.050	.000	.000	.000	.000	12.6250	12.6250	12.6250	NOTES
						.0000	.0000	.0000	NOTES
						-.3750	-.3750	-.3750	NOTES
						.0150	.0150	.0150	NOTES

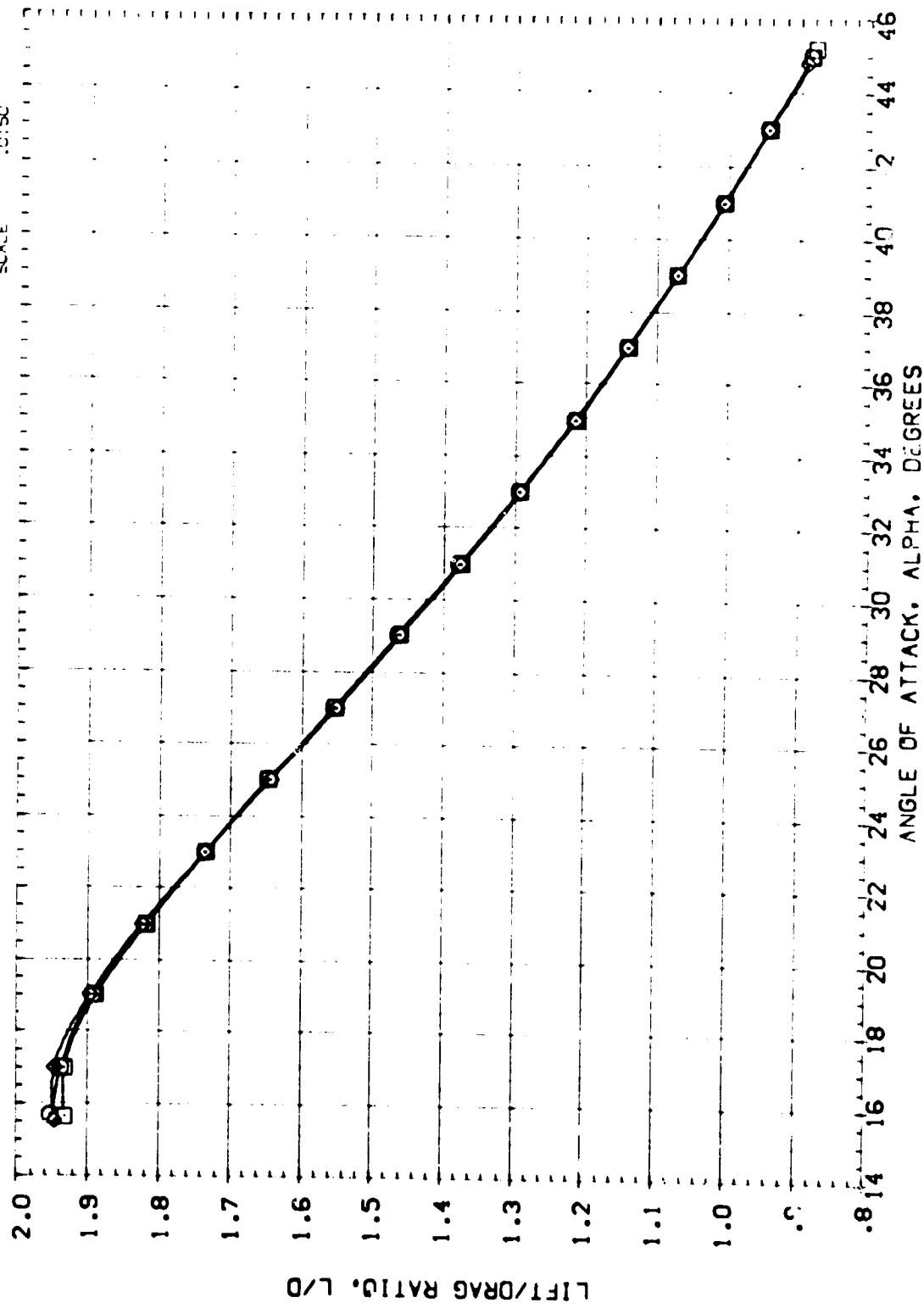


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W116E26)(V8R5) (ATN058)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	REFERENCE INFORMATION
○	5.950	.000	ELEVTR 10.000	SREF 87.1560
□	7.980	.000	BOFLAP 16.300	LREF 7.1220
◇	10.090	55.000	RUDDER .000	BREF 14.0520
				XMRP 12.6250
				YMRP .0000
				ZMRP -.3750
				SCALE .0150

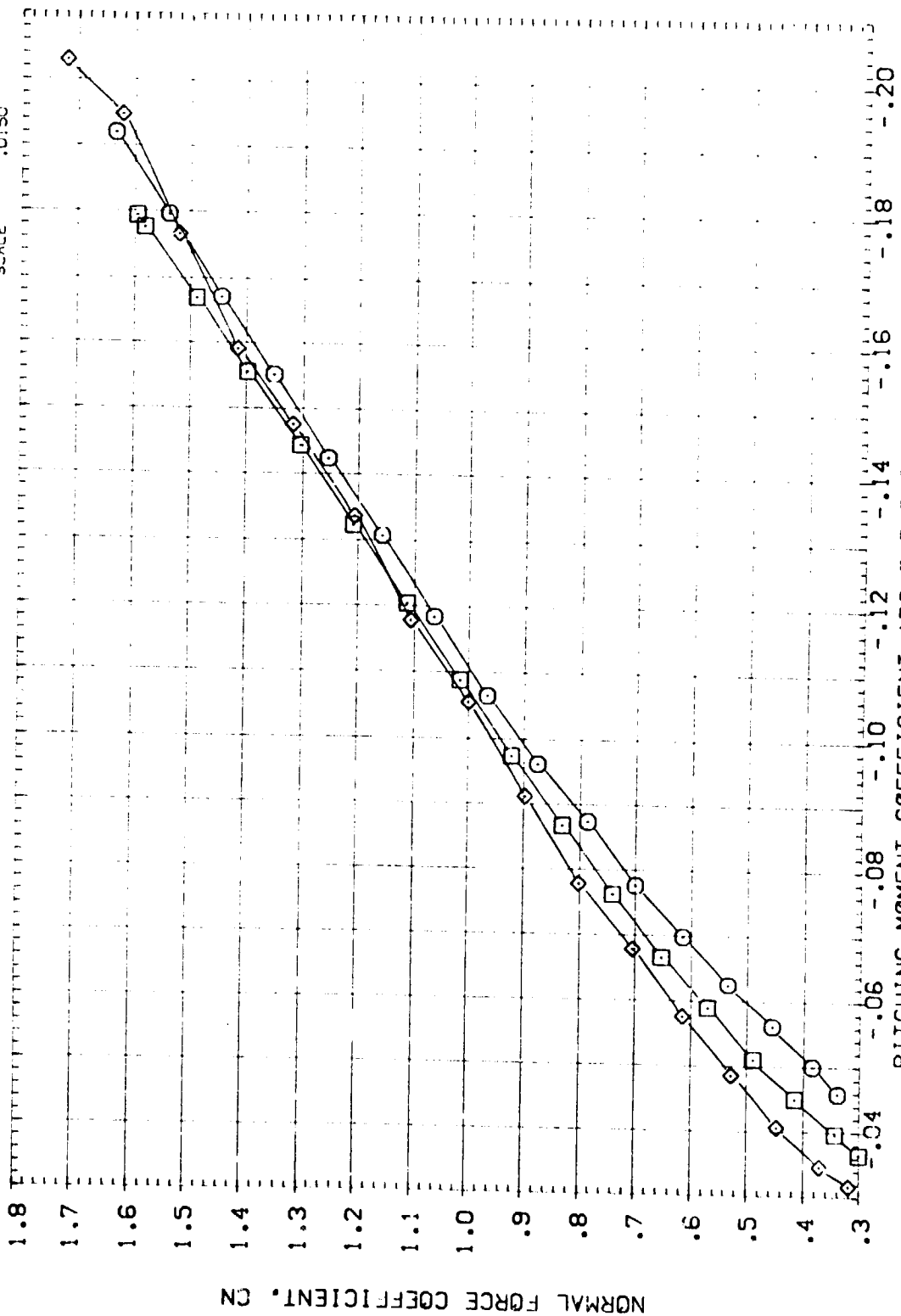


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7N7)(W116E26)(V8R5) (ATN058)

SYMBOL	MACH	BETA	PARAMETRIC VALUES	
○	5.950	AILRON	.000	ELEVTR
□	7.980	SPDRK	55.000	BOFLAP
◇	10.090			RUDDER

REFERENCE INFORMATION	
SREF	87.1560
LREF	7.1220
BREF	14.0520
XMRP	12.6250
YMRP	.0000
ZMRP	-.3750
SCALE	.0150

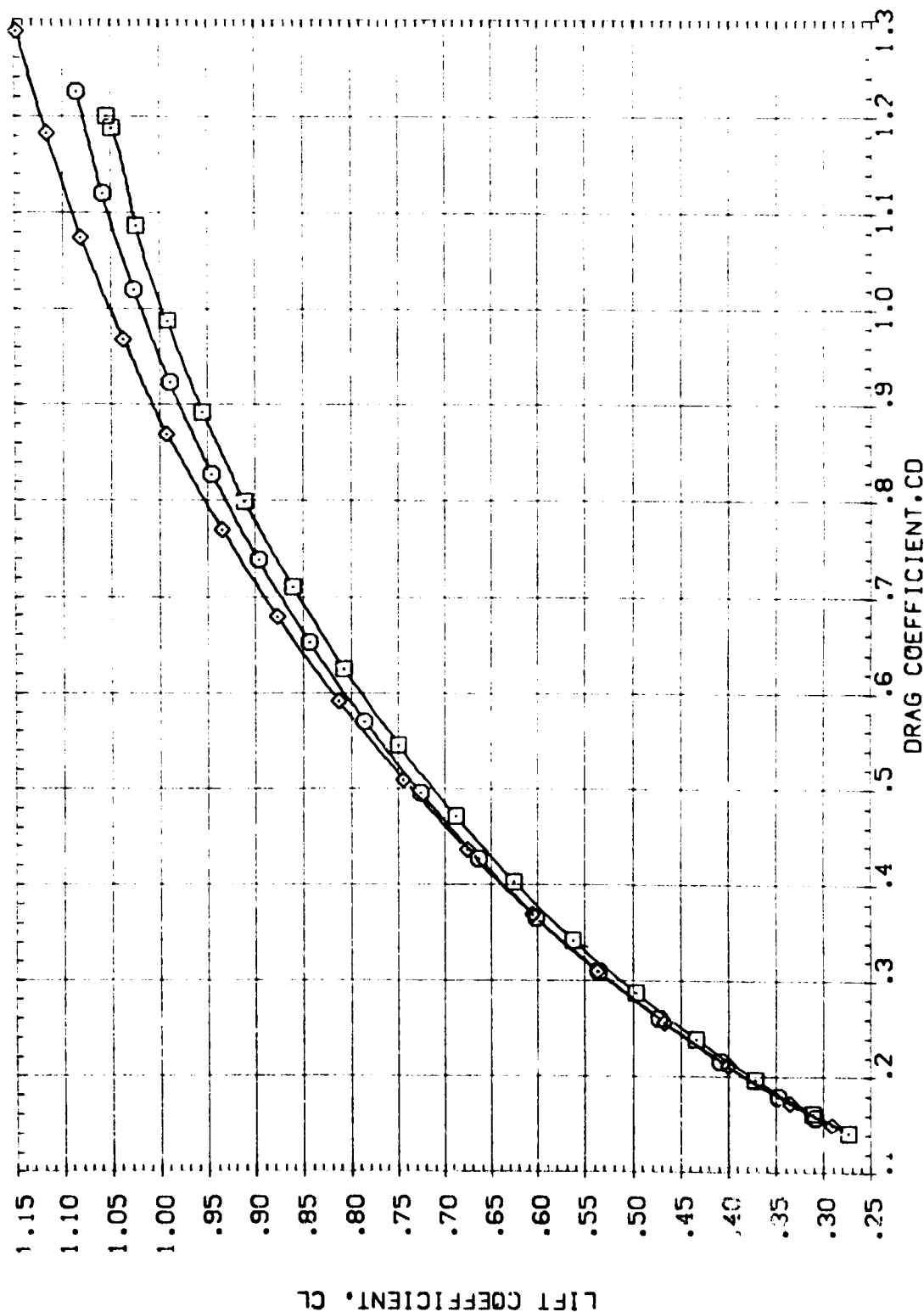


FIG 26 MACH NUMBER EFFECTS

AEDC VA474(0A77/78) (B26C9F7M7)(W16E26)(V8R5) (ATND58)

SYMBOL	MACH	PARAMETRIC VALUES				REFERENCE INFORMATION			
		BETA	ELEVTR	ELEVTR	SCALE	SREF	LREF	BRP	YMRP
○	5.950	.000	.000	10.000		87.1560	7.1220	14.0520	12.6250
◇	7.980	.000	.000	16.300					
□	10.090	55.000	R-000	.000					

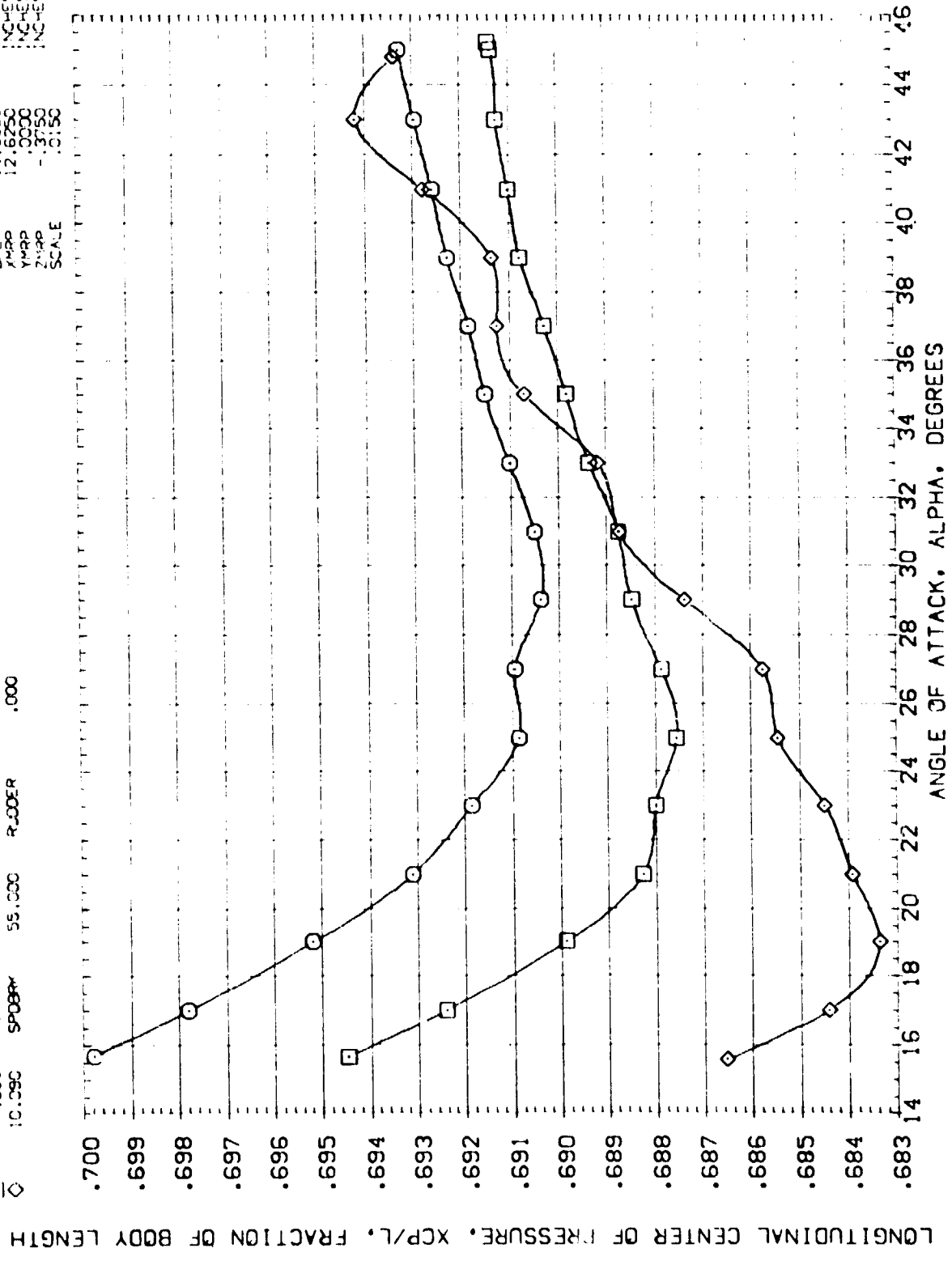


FIG 26 MACH NUMBER EFFECTS

APPENDIX
TABULATED SOURCE DATA

Tabulations of plotted data are available on request from
Data Management Services

AEDC VA474 (0A77/78) (828C9F7M7) (V116E28) (V083)

(RTN001) (10 JAN 74)

REFERENCE DATA

SREF = 87.1500 50-IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = -40.000
 AIRLON = .000 BDPLAF = -11.700
 SFCBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 100/ 0 RN/L = 4.60 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.929	-.00295	4.59869	.27405	.01521	-.00142	.00006	.00020	.06645	.00482	.06180
9.950	17.000	-.00146	4.59869	.30602	.01600	-.00204	-.00002	.00021	.06540	.00461	.06075
9.950	19.050	-.00026	4.59869	.36870	.01842	-.00200	-.00011	.00021	.06426	.00462	.05961
9.950	21.000	.00114	4.59869	.43481	.02165	-.00227	-.00019	.00022	.06385	.00462	.05920
9.950	23.000	.00111	4.59869	.50345	.02493	-.00203	-.00016	.00029	.06381	.00462	.05916
9.950	25.000	.00182	4.59869	.57512	.02747	-.00202	-.00017	.00033	.06352	.00461	.05887
9.950	27.000	.00238	4.59869	.64921	.02978	-.00281	-.00011	.00034	.06341	.00462	.05876
9.950	29.000	.00390	4.59869	.72592	.03166	-.00285	-.00025	.00039	.06324	.00462	.05859
9.950	31.000	.00476	4.59869	.80381	.03287	-.00264	-.00033	.00045	.06345	.00461	.05880
9.950	33.000	.00527	4.59869	.88395	.03371	-.00292	-.00031	.00042	.06355	.00461	.05890
9.950	35.000	.00555	4.59869	.96499	.03387	-.00254	-.00034	.00047	.06307	.00461	.05842
9.950	37.000	.00678	4.59869	1.04732	.03361	-.00260	-.00045	.00056	.06214	.00461	.05749
9.950	39.000	.00716	4.59869	1.12935	.03304	-.00264	-.00044	.00052	.06089	.00462	.05624
9.950	41.000	.00690	4.59869	1.21031	.03218	-.00274	-.00034	.00047	.05957	.00461	.05492
9.950	43.000	.00808	4.59869	1.29024	.03136	-.00312	-.00042	.00052	.05829	.00461	.05364
9.950	45.000	.00939	4.59863	1.36841	.03033	-.00298	-.00059	.00060	.05649	.00461	.05184
9.950	46.362	.00881	4.59869	1.42201	.02937	-.00240	-.00053	.00064	.05551	.00461	.05086
GRADIENT		.00048	.00000	.03316	.00140	-.00004	-.00002	.00001	-.00029	-.00003	-.00029

RUN NO. 820/ 0 RN/L = 3.55 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.806	.00285	3.52903	.24515	.01322	-.00237	-.00010	.00011	.06007	.00244	.03760
8.000	17.000	.00260	3.52903	.27787	.01441	-.00231	-.00007	.00001	.05943	.00244	.03696
8.000	19.000	.00285	3.52903	.33824	.01761	-.00218	-.00013	.00000	.05939	.00244	.03692
8.000	21.000	.00411	3.52903	.40279	.02114	-.00226	-.00030	.00004	.05955	.00244	.03708
8.000	23.000	.00442	3.52903	.47032	.02426	-.00219	-.00036	.00008	.06009	.00244	.03762
8.000	25.000	.00590	3.52903	.54159	.02712	-.00219	-.00052	.00009	.06068	.00244	.03821
8.000	27.000	.00481	3.52903	.61373	.02934	-.00207	-.00045	.00006	.06116	.00244	.03869
8.000	29.000	.00447	3.52903	.69260	.03198	-.00249	-.00036	-.00003	.06177	.00244	.03930
8.000	31.000	.00475	3.52903	.77169	.03374	-.00294	-.00036	-.00008	.06256	.00244	.04009
8.000	33.000	.00494	3.52903	.85224	.03496	-.00265	-.00030	-.00007	.06246	.00244	.04043
8.000	35.000	.00417	3.52903	.93368	.03553	-.00270	-.00033	-.00008	.06278	.00244	.04031
8.000	37.000	.00410	3.52903	1.01601	.03568	-.00244	-.00037	-.00007	.06246	.00244	.03998
8.000	39.000	.00454	3.52903	1.09813	.03504	-.00234	-.00047	-.00002	.06180	.00244	.03933
8.000	41.000	.00546	3.52903	1.18019	.03427	-.00258	-.00063	.00002	.06091	.00244	.03844
8.000	43.000	.00521	3.52903	1.26061	.03332	-.00233	-.00064	.00006	.05989	.00244	.03742
8.000	45.000	.00505	3.52903	1.33995	.03239	-.00215	-.00067	.00010	.05858	.00244	.03611
8.000	46.372	.00548	3.52903	1.39895	.03197	-.00229	-.00075	.00015	.05768	.00244	.03520
GRADIENT		.00031	.00000	.03326	.00156	.00002	-.00003	.00000	.00009	-.00000	-.00009

AEDC VA474(0A77/78) (828C9F7H7) (M116E26) (V0R5)

(RTM001) (10 JAN 74)

REFERENCE DATA

SREF = 87.1960 IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
AILROM = .000 BDFLAP = -11.700
SPCRK = 35.000 RUDDER = .000

RUN NO. 1370/ 0 RN/L = 1.86 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.731	-.00021	1.87880	.24663	.01267	-.00001	.00004	.00024	.05933	.00089	.03842
10.090	17.000	-.00027	1.87880	.28177	.01535	-.00010	.00005	.00025	.05875	.00089	.03784
10.090	19.000	-.00079	1.87880	.34260	.01947	-.00033	-.00013	.00032	.05958	.00089	.03867
10.090	21.000	-.00139	1.87880	.40523	.02355	-.00053	-.00025	.00036	.05945	.00089	.03854
10.090	23.000	-.00144	1.87880	.47.77	.02699	-.00058	-.00025	.00037	.05998	.00089	.03907
10.090	25.000	-.00119	1.87880	.54287	.03000	-.00077	-.00018	.00041	.06078	.00089	.03987
10.090	27.000	-.00122	1.87880	.61632	.03266	-.00082	-.00018	.00042	.06146	.00089	.06055
10.090	29.000	-.00238	1.87880	.69230	.03517	-.00131	-.00040	.00046	.06243	.00089	.06132
10.090	31.000	-.00143	1.87880	.77197	.03647	-.00108	-.00021	.00050	.06316	.00089	.06225
10.090	33.000	-.00168	1.87880	.83282	.03801	-.00109	-.00028	.00060	.06375	.00089	.06284
10.090	35.000	-.00135	1.87880	.93406	.03877	-.00112	-.00025	.00060	.06392	.00089	.06291
10.090	37.000	-.00083	1.87880	1.01648	.03876	-.00079	-.00012	.00060	.06372	.00089	.06281
10.090	39.000	-.00161	1.87880	1.10548	.03851	-.00146	-.00025	.00060	.06327	.00089	.06236
10.090	41.000	-.00251	1.87880	1.18597	.03772	-.00181	-.00047	.00065	.06281	.00089	.06190
10.090	43.000	-.00266	1.87880	1.27191	.03714	-.00190	-.00052	.00066	.06230	.00089	.06139
10.090	45.000	-.00299	1.87880	1.35622	.03647	-.00209	-.00062	.00066	.06125	.00089	.06034
GRADIENT		.00019	.00000	.03196	.00189	-.00009	-.00003	.00002	.00017	.00000	.00017

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TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(0A77778) (B26C9F7M7) (W130E26) (VARS)

(RTND02) (10 JAN 74)

REFERENCE DATA

REF = 97.160 IN. XMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = -40.000
 AIRLOW = .000 BDFLAP = -11.700
 SPDGRK = 53.000 RUCCER = .000

PARAMETRIC DATA

RUN NO. 80/ 0 RN/L = 1.87 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.866	-0.0020	1.87109	.28325	.01215	-.00120	.00021	.00007	.06663	.00430	.06236
5.950	17.000	-0.0006	1.87109	.30294	.01359	-.00125	.00014	.00007	.06661	.00430	.06232
5.950	19.000	-0.0070	1.87109	.36636	.01575	-.00152	-.00003	.00010	.06493	.00430	.06064
5.950	21.000	-0.0135	1.87109	.43301	.01913	-.00217	-.00014	.00015	.06464	.00430	.06036
5.950	23.000	-0.0157	1.87109	.50042	.02156	-.00196	-.00025	.00022	.06507	.00430	.06078
5.950	25.000	-0.0201	1.87109	.57282	.02456	-.00222	-.00036	.00027	.06478	.00430	.06049
5.950	27.000	-0.0186	1.87109	.64693	.02774	-.00279	-.00026	.00026	.06445	.00430	.06020
5.950	29.000	-0.0157	1.87109	.72207	.02972	-.00261	-.00020	.00023	.06471	.00430	.06042
5.950	31.000	-0.0163	1.87109	.80001	.03148	-.00328	-.00021	.00022	.06469	.00430	.06040
5.950	33.000	-0.0144	1.87109	.87991	.03251	-.00302	-.00012	.00023	.06502	.00430	.06073
5.950	35.000	-0.0169	1.87109	.96121	.03337	-.00300	-.00023	.00027	.06453	.00430	.06024
5.950	37.000	-0.0246	1.87109	1.04353	.03356	-.00361	-.00042	.00033	.06359	.00430	.05930
5.950	39.000	-0.0246	1.87109	1.12637	.03319	-.00363	-.00046	.00038	.06278	.00430	.05849
5.950	41.000	-0.0215	1.87109	1.20816	.03247	-.00308	-.00044	.00041	.06147	.00429	.05718
5.950	43.000	-0.0229	1.87109	1.29022	.03224	-.00329	-.00050	.00042	.06000	.00429	.05571
5.950	45.000	-0.0200	1.87109	1.36859	.03125	-.00296	-.00045	.00044	.05902	.00429	.05473
GRADIENT		.00024	-.00000	.03314	.00134	-.00012	-.00006	.00002	-.00021	.00000	-.00021

RUN NO. 750/ 0 RN/L = 1.86 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
7.980	15.699	-0.0525	1.86367	.24293	.01204	-.00136	-.00019	.00006	.06083	.00105	.05971
7.980	17.000	-0.0505	1.86367	.27823	.01360	-.00157	-.00021	.00003	.06055	.00105	.05943
7.980	19.000	-0.0441	1.86367	.33958	.01703	-.00132	-.00021	.00003	.06057	.00105	.05945
7.980	21.000	-0.0447	1.86367	.40331	.02102	-.00128	-.00038	.00010	.06067	.00105	.05955
7.980	23.000	-0.0419	1.86367	.46362	.02315	-.00126	-.00046	.00012	.06116	.00105	.06004
7.980	25.000	-0.0415	1.86367	.54114	.02704	-.00166	-.00057	.00012	.06147	.00105	.06035
7.980	27.000	-0.0372	1.86367	.61448	.02974	-.00201	-.00057	.00010	.06190	.00105	.06078
7.980	29.000	-0.0281	1.86367	.68975	.03200	-.00189	-.00043	.00002	.06274	.00105	.06163
7.980	31.000	-0.0181	1.86367	.76742	.03410	-.00173	-.00038	.00003	.06316	.00105	.06224
7.980	33.000	-0.0139	1.86367	.84633	.03533	-.00193	-.00040	.00000	.06380	.00105	.06268
7.980	35.000	-0.0076	1.86357	.92770	.03647	-.00179	-.00040	.00004	.06377	.00105	.06265
7.5 3	37.000	-0.0059	1.86367	1.00928	.03694	-.00167	-.00055	.00014	.06364	.00105	.06252
7.980	39.000	-0.0050	1.86367	1.09026	.03659	-.00227	-.00065	.00017	.06291	.00105	.06180
7.980	41.000	-0.0022	1.86367	1.17148	.03622	-.00258	-.00063	.00023	.06196	.00105	.06084
7.980	43.000	-0.0082	1.86367	1.25113	.03571	-.00194	-.00065	.00027	.06078	.00105	.05966
7.980	45.000	-0.0101	1.86367	1.32912	.03467	-.00221	-.00077	.00026	.05952	.00105	.05840
7.980	45.578	-0.0133	1.86367	1.35497	.03516	-.00205	-.00074	.00028	.05942	.00105	.05831
GRADIENT		-.00012	-.00000	.03209	.00162	-.00001	-.00004	.00001	.00008	.00000	.00008

AEDC VA474 (0477/78) (826C9F7M7) (W116E26) (V8R3)

(RTN002) (10 JAN 74)

REFERENCE DATA

SREF = 07.1560 50.1M. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
AILROM = .000 BDELIP = -11.700
SPCRBK = 55.000 RUDDER = .000

RUN NO. 1370/ 0 RM/L = 1.38 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.731	-.00021	1.87880	.24663	.01267	-.00001	.00000	.00024	.05933	.00089	.05842
10.090	17.000	-.00027	1.87880	.28177	.01535	-.00010	.00005	.00025	.05875	.00089	.05784
10.090	19.000	-.00079	1.87880	.34260	.01947	-.00033	-.00013	.00032	.05938	.00089	.05867
10.090	21.000	-.00139	1.87880	.40523	.02355	-.00053	-.00025	.00036	.05945	.00089	.05854
10.090	23.000	-.00144	1.87880	.47277	.02699	-.00058	-.00025	.00037	.05998	.00089	.05907
10.090	25.000	-.00119	1.87880	.54287	.03000	-.00077	-.00016	.00041	.06078	.00089	.05987
10.090	27.000	-.00122	1.87880	.61632	.03266	-.00082	-.00018	.00042	.06146	.00089	.06055
10.090	29.000	-.00238	1.87880	.69230	.03517	-.00131	-.00040	.00046	.06243	.00089	.06152
10.090	31.000	-.0143	1.87880	.77197	.03697	-.00108	-.00021	.00050	.06316	.00089	.06225
10.090	33.000	-.00168	1.87880	.85282	.03801	-.00109	-.00028	.00060	.06375	.00089	.06284
10.090	35.000	-.00155	1.87880	.93406	.03877	-.00112	-.00025	.00060	.06382	.00089	.06291
10.090	37.000	-.00083	1.87880	1.01648	.03876	-.00079	-.00012	.00059	.06372	.00089	.06281
10.090	39.000	-.00161	1.87880	1.10048	.03851	-.00146	-.00025	.00060	.06327	.00089	.06236
10.090	41.000	-.00251	1.87880	1.18597	.03772	-.00181	-.00047	.00065	.06281	.00089	.06190
10.090	43.000	-.00266	1.87880	1.27191	.03714	-.00190	-.00052	.00066	.06230	.00089	.06139
10.090	45.000	-.00299	1.87880	1.35622	.03647	-.00209	-.00062	.00066	.06125	.00089	.06034
GRADIENT		.00019	.00000	.03136	.00189	-.00009	-.00003	.00002	.00017	.00000	.00017

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TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/78) (B26C9F7M7) (W16E26) (V083)

(RTN003) (10 JAN 74)

REFERENCE DATA

REF = 07.1360 SQ. IN. AREA = 12.6250 INCHES
 LREF = 7.1220 INCHES YREF = .0000 INCHES
 BREF = 14.0320 INCHES ZREF = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 AILRON = .000 ROLAP = -11.700
 SPODRK = 55.000 RUDDER = .000

RUN NO. 570/ 0 RN/L = .98 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.910	15.662	.00048	.97994	.26172	.01203	-.00124	-.00013	.00003	.06333	.00339	.06184
5.910	17.000	.00043	.97994	.29655	.01266	-.00133	-.00009	.00000	.06545	.00359	.06175
5.910	19.000	.00060	.97994	.36024	.01531	-.00140	-.00018	.00000	.06496	.00359	.06126
5.910	21.000	.00084	.97994	.42464	.01783	-.00158	-.00031	.00007	.06507	.00359	.06137
5.910	23.000	.00102	.97994	.49234	.02031	-.00124	-.00046	.00019	.06467	.00359	.06097
5.910	25.000	.00133	.97994	.56249	.02305	-.00224	-.00054	.00021	.06458	.00359	.06088
5.910	27.000	.00102	.97994	.63377	.02503	-.00203	-.00039	.00020	.06337	.00359	.06166
5.910	29.000	.00106	.97994	.70715	.02701	-.00262	-.00035	.00017	.06572	.00359	.06201
5.910	31.000	.00104	.97994	.78292	.02867	-.00244	-.00032	.00015	.06552	.00359	.06181
5.910	33.000	.00093	.97994	.86064	.03014	-.00241	-.00032	.00014	.06585	.00359	.06215
5.910	35.000	.00118	.97994	.93852	.03092	-.00292	-.00044	.00016	.06568	.00359	.06197
5.910	37.000	.00110	.97994	1.01793	.03136	-.00227	-.00049	.00026	.06493	.00359	.06123
5.910	39.000	.00122	.97994	1.09697	.03096	-.00235	-.00058	.00034	.06390	.00359	.06020
5.910	41.000	.00137	.97994	1.17453	.03062	-.00249	-.00070	.00036	.06292	.00359	.05922
5.910	43.000	.00129	.97994	1.25242	.03016	-.00225	-.00071	.00038	.06125	.00359	.05755
5.910	44.859	.00114	.97994	1.32585	.02972	-.00194	-.00066	.00041	.06070	.00359	.05790
GRADIENT		.00010	-.00000	.03229	.00121	-.00007	-.00005	.00002	-.00011	.00000	-.00011

RUN NO. 1720/ 0 RN/L = .83 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.930	15.629	-.00026	.83220	.24413	.01253	-.00123	.00029	.00022	.06110	.00016	.06083
9.930	17.000	-.00042	.83220	.28247	.01511	-.00116	.00037	.00023	.06037	.00016	.06030
9.930	19.000	-.00024	.83220	.34287	.01874	-.00121	.00028	.00023	.06133	.00016	.06125
9.930	21.000	.00001	.83220	.40326	.02283	-.00140	.00016	.00025	.06132	.00016	.06125
9.930	23.000	.00008	.83220	.47091	.02646	-.00154	.00014	.00027	.06188	.00016	.06161
9.930	25.000	.00000	.83220	.53988	.02958	-.00156	.00019	.00028	.06244	.00016	.06217
9.930	27.000	-.00035	.83220	.61133	.03255	-.00166	.00040	.00031	.06291	.00016	.06264
9.930	29.000	.00033	.83220	.68677	.03561	-.00201	.00005	.00035	.06340	.00016	.06313
9.930	31.000	.00028	.83220	.76595	.03759	-.00182	.00006	.00039	.06428	.00016	.06401
9.930	33.000	.00016	.83220	.84431	.03874	-.00183	.00012	.00044	.06542	.00016	.06515
9.930	35.000	-.00002	.83220	.92415	.03978	-.00201	.00005	.00046	.06641	.00016	.06614
9.930	37.000	-.00034	.83220	1.00255	.03978	-.00201	.00005	.00046	.06641	.00016	.06614
9.930	39.000	-.00003	.83220	1.08247	.03928	-.00237	.00031	.00057	.06294	.00016	.06267
9.930	41.000	-.00006	.83220	1.16603	.03906	-.00223	.00031	.00063	.06195	.00016	.06167
9.930	43.000	-.00001	.83220	1.24768	.03872	-.00191	.00024	.00072	.06099	.00017	.06072
9.930	44.817	-.00020	.83220	1.31366	.03836	-.00207	.00040	.00072	.06012	.00017	.05985
GRADIENT		.00005	.00000	.03132	.00184	-.00005	-.00002	.00001	.00016	.00000	.00016

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TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/78) (026C9F7M7) (W116E26) (VBR5)

(RTM004) (10 JAN 74)

REFERENCE DATA

SRFP = 07.1860 INCHES YMRP = 12.8230 INCHES
 LRFP = 7.1820 INCHES YMRP = .5000 INCHES
 BRFP = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 ALLEON = .000 BDFLAP = -11.700
 SPBRK = 55.000 RUDDER = .000

RUN NO. 1065/0 RN/L = .50 GRADIENT INTERVAL = 14.00/25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CV	CYN	CBL	CA	CAB	CAF
7.900	15.982	.00005	.50074	.23951	.00807	.00489	-.00016	.00011	.06311	-.00003	.06301
7.900	17.000	.00005	.50074	.27812	.00947	.00099	-.00017	.00010	.06310	-.00003	.06300
7.900	19.000	.00026	.50074	.33974	.01307	.00024	-.00029	.00010	.06216	-.00003	.06205
7.900	21.000	.00038	.50074	.40182	.01571	.00007	-.00040	.00013	.06487	-.00003	.06477
7.900	23.000	.00045	.50074	.46865	.01868	-.00002	-.00047	.00016	.06517	-.00003	.06506
7.900	25.000	.00046	.50074	.53908	.02212	-.00014	-.00047	.00014	.06683	-.00003	.06673
7.900	27.000	.00060	.50074	.61156	.02562	-.00073	-.00056	.00011	.06720	-.00003	.06709
7.900	29.000	.00014	.50074	.68529	.02763	.00077	-.00025	.00003	.06811	-.00003	.06801
7.900	31.000	.00069	.50074	.76373	.03068	-.00133	-.00062	.00011	.06861	-.00003	.06850
7.900	33.000	.00059	.50074	.84110	.03134	-.00068	-.00060	.00010	.07023	-.00003	.07012
7.900	35.000	.00069	.50074	.92075	.03266	-.00104	-.00069	.00016	.06981	-.00003	.06970
7.900	37.000	.00082	.50074	1.00074	.03384	-.00151	-.00080	.00020	.06852	-.00003	.06841
7.900	39.000	.00082	.50074	1.07802	.03326	-.00159	-.00082	.00020	.06819	-.00003	.06809
7.900	41.000	.00080	.50074	1.15684	.03363	-.00189	-.00080	.00019	.06689	-.00003	.06678
7.900	43.000	.00088	.50074	1.23558	.03340	-.00262	-.00084	.00018	.06350	-.00003	.06340
7.900	44.874	.00099	.50074	1.30307	.03316	-.00280	-.00101	.00019	.06385	-.00003	.06374
GRADIENT		.00005		.03177	.00150	-.00012	-.00004	.00001	.00042	.00003	.00042

AEGC VA474(CA77/76) (826C97FM7) (W110C26) (V483) (RTM003) (10 JAN 74)

REFERENCE DATA

SREF = 87.1500 50.1M. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.9320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 ATLROM = .000 BDFLAP = -11.700
 SFCBRK = 95.000 RUDDER = .000

RUN NO. 1170/ 0 RM/L = 3.45 GRADIENT INTERVAL = .00/ 5.00

MACH	ALPHA	BETA	RM/L	CN	CLW	CY	CYN	CBL	CA	CAB	CAF
8.000	-2.829	-0.0371	3.45147	-1.15406	.01151	-.00240	.00078	.00019	.11947	.00178	.11765
8.000	-2.900	-0.0464	3.45147	-1.13977	.00817	-.00192	.00084	.00024	.11352	.00178	.11170
8.000	.000	-.05291	3.45147	-.09765	.02217	-.00241	.00068	.00014	.10030	.00178	.09847
2.000	2.000	-0.0403	3.45147	-.06160	.00199	-.00220	.00004	.00004	.09183	.00178	.09000
8.000	4.000	-0.0091	3.45147	-.02388	.00172	-.00131	.00028	.00015	.08320	.00178	.08138
8.000	6.000	-0.0145	3.45147	.01318	.00282	-.00091	.00030	.00005	.07846	.00178	.07664
8.000	8.000	-0.0060	3.45147	.05325	.00471	-.00138	.00025	.00006	.07147	.00178	.06964
8.000	10.000	-0.0014	3.45147	.09879	.00709	-.00146	.00020	.00013	.06783	.00178	.06601
8.000	12.000	.00037	3.45147	.14889	.00883	-.00122	.00002	.00002	.06456	.00178	.06274
8.000	14.000	.00139	3.45147	.20037	.01039	-.00133	-.00003	.00017	.06212	.00178	.06030
8.000	16.000	.00161	3.45147	.25702	.01276	-.00160	-.00032	.00015	.06064	.00178	.05881
8.000	18.000	.00133	3.45147	.31590	.01612	-.00126	-.00003	.00017	.06023	.00178	.05841
8.000	20.000	.00074	3.45147	.37748	.01963	-.00080	.00000	.00019	.06013	.00178	.05830
8.000	22.000	.00052	3.45147	.44207	.02291	-.00038	-.00003	.00022	.06024	.00178	.05841
8.000	24.000	.00332	3.45147	.50373	.02574	-.00168	-.00027	.00024	.06055	.00178	.05873
8.000	26.000	.00236	3.45147	.58038	.02820	-.00076	-.00025	.00027	.06087	.00178	.05905
8.000	27.007	.00239	3.45147	.62131	.03022	-.00098	-.00026	.00024	.06122	.00178	.05939
GRADIENT		.00039	.03000	.01354	-.00145	.00011	-.00006	-.00002	-.00537	.00000	-.00537

DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA-74 (0477/74) (B26C9F:W7) (W116E26) (V0R3)

(RTN006) (10 JAN 74)

REFERENCE DATA

BREF = 07.1360 80-IN. YMRP = 12.8250 INCHES
 LREF = 7.1320 INCHES YMRP = .0000 INCHES
 BREF = 14.0326 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 AILCON = .000 SCFLAP = -11.700
 SPDRK = 55.000 RUDDER = .000

RUN NO. 1100/ 0 RM/L = 3.47 GRADIENT INTERVAL = -.5.00/ .5.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-26.048	-.01320	3.44580	-.86932	.17813	.00083	.00212	.00138	.28910	-.00478	.29383
0.000	-26.000	-.00906	3.46580	-.83927	.16438	.00197	.00108	.00100	.26396	-.00478	.27050
0.000	-24.000	-.01314	3.46580	-.78285	.14370	.00029	.00184	.00167	.23604	-.00478	.24037
0.000	-22.000	-.00731	3.46580	-.67235	.12323	.00048	.00097	.00130	.22265	-.00478	.22719
0.000	-20.000	-.00859	3.46580	-.59323	.10594	.00108	.00106	.00112	.20886	-.00478	.21340
0.000	-18.000	-.01439	3.46580	-.51305	.07728	-.00300	.00234	.00156	.19881	-.00479	.20335
0.000	-16.000	-.01440	3.46580	-.42844	.05073	-.00302	.00233	.00079	.18518	-.00479	.18972
0.000	-14.000	-.00950	3.46580	-.36955	.03471	.00092	.00117	.00063	.17231	-.00480	.17886
0.000	-12.000	-.01091	3.46580	-.32214	.02365	.00091	.00135	.00074	.16200	-.00480	.16853
0.000	-10.000	-.00950	3.46580	-.28518	.01922	.00060	.00119	.00062	.15611	-.00480	.16066
0.000	-8.000	-.01044	3.46580	-.25322	.01645	.00096	.00126	.00058	.14986	-.00481	.15443
0.000	-6.000	-.00929	3.46580	-.22572	.01670	.00059	.00115	.00050	.14155	-.00481	.14610
0.000	-4.000	-.00704	3.46580	-.18923	.00763	.00085	.00085	.00018	.13029	-.00481	.13485
0.000	-2.000	-.00829	3.46580	-.17198	.00763	.00070	.00100	.00016	.11350	-.00481	.11786
0.000	.000	-.00589	3.46580	-.10112	.00229	.00011	.00076	.00011	.10594	-.00481	.10551
0.000	2.000	-.00445	3.46580	-.06583	.00154	-.00017	.00060	.00015	.09273	-.00481	.09729
0.000	2.283	-.00228	3.46580	-.05961	.00161	.00113	.00078	.00016	.09039	-.00482	.09556
0.000	GRADIENT	.00030	-.00000	.02032	-.00227	-.00002	-.00004	-.00000	-.00603	-.00500	-.00803

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC WA47A

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AEDC WA47A(047778) (82607M7) (N116226) (V083)

(18TH007) (10 JAN 74)

REFERENCE DATA

REF = 07.1560 94.14. TMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES TMRP = .0000 INCHES
 REF = 14.0120 INCHES TMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -36.000
 AIRLUM = .000 BDFLAP = -11.700
 SPOBR = 55.000 RUCCER = .000

RUN NO. 330/ 0 RM/L = 4.64 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.913	.00108	4.63845	.27499	.01081	-.00271	.00010	.00001	.06246	.00493	.03730
9.950	17.000	.00307	4.63045	.30399	.01131	-.00334	.00004	.00001	.06173	.00493	.03679
9.950	19.000	.00416	4.63945	.36816	.01402	-.00328	.00011	.00002	.06132	.00493	.03636
9.950	21.000	.00531	4.63945	.43337	.01734	-.00318	.00030	.00008	.06136	.00493	.03640
9.950	23.000	.00556	4.63945	.50197	.02034	-.00309	.00032	.00012	.06136	.00493	.03660
9.950	25.000	.00689	4.63945	.57358	.02340	-.00349	.00046	.00019	.06153	.00493	.03637
9.950	27.000	.00596	4.63945	.64839	.02575	-.00335	.00035	.00019	.06153	.00493	.03659
9.950	29.000	.00572	4.63945	.72329	.02742	-.00364	.00029	.00026	.06159	.00493	.03663
9.950	31.000	.00547	4.63945	.80491	.02847	-.00343	.00032	.00030	.06160	.00493	.03684
9.950	33.000	.00544	4.63945	.86541	.02907	-.00364	.00031	.00027	.06150	.00492	.03694
9.950	35.000	.00560	4.63945	.96787	.02905	-.00326	.00042	.00036	.06085	.00493	.03590
9.950	37.000	.00666	4.63945	1.05094	.02846	-.00299	.00060	.00045	.05990	.00493	.03494
9.950	39.000	.00693	4.63945	1.13361	.02748	-.00319	.00065	.00045	.05864	.00493	.03368
9.950	41.000	.00670	4.63945	1.21551	.02651	-.00348	.00061	.00040	.05703	.00492	.03208
9.950	43.000	.00595	4.63945	1.29693	.02491	-.00315	.00056	.00037	.05519	.00493	.03023
9.950	45.000	.00465	4.63945	1.37590	.02315	-.00302	.00072	.00044	.05294	.00492	.02798
9.950	46.468	.03724	4.63945	1.43631	.02177	-.00277	.00088	.00049	.05115	.00492	.02461
GRADIENT		.00031	.00000	.03287	.00144	-.00004	.00006	.00002	-.00007	.00000	-.00007

RUN NO. 650/ 0 RM/L = 3.50 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.000	15.648	.00297	3.49847	.24496	.01014	-.00217	.00014	.00008	.05724	.00243	.03478
9.000	17.000	.00207	3.49847	.28132	.01179	-.00193	.00009	.00000	.05626	.00243	.03380
9.000	19.000	.00362	3.49847	.34098	.01516	-.00206	.00025	.00000	.05693	.00243	.03447
9.000	21.000	.00557	3.49847	.40485	.01871	-.00260	.00046	.00002	.05743	.00243	.03499
9.000	23.000	.00469	3.49847	.47203	.02204	-.00209	.00044	.00009	.05806	.00243	.03339
9.000	25.000	.00520	3.49847	.54308	.02496	-.00259	.00049	.00009	.05849	.00243	.03803
9.000	27.000	.00559	3.49847	.61745	.02732	-.00252	.00051	.00005	.05901	.00243	.03653
9.000	29.000	.00475	3.49847	.69432	.02941	-.00266	.00038	.00004	.05950	.00243	.03704
9.000	31.000	.00407	3.49847	.77393	.03107	-.00231	.00034	.00007	.06017	.00243	.03771
9.000	33.000	.00475	3.49847	.85470	.03202	-.00240	.00040	.00007	.06026	.00243	.03779
9.000	35.000	.00419	3.49847	.93689	.03232	-.00264	.00034	.00007	.06052	.00243	.03736
9.000	37.000	.00397	3.49847	1.01932	.03199	-.00243	.00033	.00007	.05997	.00243	.03699
9.000	39.000	.00495	3.49847	1.10249	.03097	-.00195	.00054	.00003	.05944	.00243	.03619
9.000	41.000	.00315	3.49847	1.18320	.02960	-.00239	.00052	.00003	.05866	.00243	.03492
9.000	43.000	.00477	3.49847	1.26686	.02826	-.00244	.00055	.00013	.05738	.00243	.03449
9.000	45.000	.00509	3.49847	1.34692	.02626	-.00232	.00063	.00017	.05595	.00243	.03429
9.000	46.572	.00516	3.49847	1.39190	.02574	-.00250	.00066	.00018	.05429	.00243	.03320
GRADIENT		.00033	.00000	.03241	.00163	-.00003	.00005	.00001	-.00009	.00000	-.00009

AEDC V4-74(0477/78) (B26C9F7M7) (W116E26) (V083)

(INT007) (10 JAN 74)

REFERENCE DATA

REF : 07.1500 50-IN. INMP : 12.0250 INCHES
 LREF : 7.1820 INCHES 7MAF : .0000 INCHES
 3REF : 14.0320 INCHES 2MAF : -.3750 INCHES
 SCALE : .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -30.000
 AIRLON = .000 BCFLAP = -11.700
 SPBRK = 35.000 RUDDER = .000

RUN NO. 1660/ 0 RM/L = 1.09 GRADIENT INTERVAL = 14.00/ 25.00

MAC	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.080	15.330	.00096	1.08619	.24508	.01378	-.00084	-.00013	.00014	.05786	.00103	.05688
10.080	17.000	-.00040	1.08619	.24508	.01382	-.00082	.00016	.00016	.05782	.00103	.05655
10.080	18.000	.00031	1.08619	.34736	.01859	-.00077	.00003	.00019	.05810	.00106	.05702
10.080	21.000	-.00033	1.08619	.45698	.02254	-.00057	.00014	.00024	.05872	.00103	.05784
10.080	23.000	.00149	1.08619	.47771	.02611	-.00114	-.00019	.00023	.05872	.00103	.05824
10.080	25.000	.00044	1.08619	.54662	.02923	-.00114	.00004	.00004	.06004	.00103	.05897
10.080	27.000	.00427	1.08619	.62142	.03130	-.00191	-.00076	.00026	.06094	.00103	.05990
10.080	29.000	.00366	1.08619	.69937	.03362	-.00314	-.00096	.00029	.06180	.00106	.06073
10.080	31.000	.00173	1.08619	.78159	.03575	-.00144	-.00024	.00019	.06264	.00106	.06156
10.080	33.000	-.00120	1.08619	.86443	.03642	-.00033	.00041	.00019	.06277	.00106	.06169
10.080	35.000	.00126	1.08619	.94875	.03666	-.00160	-.00013	.00019	.06320	.00103	.06212
10.080	37.000	.00268	1.08619	1.03172	.03589	-.00195	-.00046	.00022	.06309	.00103	.06201
10.080	39.000	.00177	1.08619	1.11668	.03536	-.00180	-.00023	.00023	.06259	.00106	.06152
10.080	41.000	.00164	1.08619	1.20433	.03177	-.00190	-.00022	.00027	.06073	.00106	.05966
10.080	43.000	.00245	1.08619	1.29126	.03237	-.00244	-.00040	.00025	.05922	.00106	.05813
10.080	45.000	.00225	1.08619	1.37784	.03096	-.00230	-.00038	.00030	.05754	.00106	.05647
10.080	45.233	.00449	1.08619	1.38946	.03114	-.00404	-.00083	.00032	.05732	.00103	.05624
GRADIENT		.00004	-.00000	.03208	.00197	-.00006	-.00000	.00001	.00024	-.00000	.00024

AEDC VA474 (0A77/76) (B26C9F7M7) (W16E26) (V0R3)

(RTM008) (10 JAN 74)

REFERENCE DATA

SRFP = 87.1980 30. IN. YMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0050 INCHES
BRFP = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -20.000
AILRON = .000 BDFLAP = -11.700
SPDBRK = 55.000 RUDDER = .000

RUN NO. 320/ 0 RN/L = 4.68 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.878	.00261	4.68232	.27936	.00708	-.00244	-.00004	-.00002	.06025	.00497	.03527
5.950	17.000	.00214	4.68232	.31056	.00800	-.00215	.00000	-.00001	.03971	.00497	.03473
5.950	19.000	.00402	4.68232	.37325	.01061	-.00275	-.00016	.00002	.03925	.00497	.03427
5.950	21.000	.00527	4.68232	.43991	.01359	-.00271	-.00033	.00009	.03943	.00497	.03445
5.950	23.000	.00556	4.68232	.50829	.01656	-.00267	-.00038	.00012	.03960	.00497	.03462
5.950	25.000	.00515	4.68232	.58027	.01900	-.00228	-.00038	.00020	.03953	.00497	.03455
5.950	27.000	.00554	4.68232	.65359	.02096	-.00287	-.00038	.00021	.03946	.00497	.03447
5.950	29.000	.00536	4.68232	.73324	.02213	-.00324	-.00032	.00024	.03929	.00497	.03431
5.950	31.000	.00588	4.68232	.81330	.02263	-.00319	-.00041	.00032	.03898	.00497	.03400
5.950	33.000	.00557	4.68232	.89320	.02232	-.00331	-.00037	.00030	.03848	.00497	.03350
5.950	35.000	.00549	4.68232	.97850	.02148	-.00287	-.00043	.00042	.03767	.00497	.03268
5.950	37.000	.00643	4.68232	1.06320	.01993	-.00283	-.00059	.00054	.03646	.00497	.03148
5.950	39.000	.00620	4.68232	1.14672	.01786	-.00280	-.00059	.00051	.03484	.00497	.02985
5.950	41.000	.00569	4.68232	1.23093	.01566	-.00275	-.00054	.00044	.03279	.00497	.02780
5.950	43.000	.00636	4.68232	1.31368	.01280	-.00294	-.00065	.00051	.03038	.00497	.02540
5.950	45.000	.00588	4.68232	1.39391	.00975	-.00297	-.00061	.00052	.02771	.00497	.02273
5.950	46.404	.00545	4.68232	1.45309	.00765	-.00308	-.00054	.00049	.02479	.00497	.02080
GRADIENT		.00556	-.00000	.03305	.00134	-.00001	-.00005	.00002	-.00005	.00000	-.00005

RUN NO. 840/ 0 RN/L = 3.50 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.798	.00340	3.50072	.25272	.00766	-.00255	-.00015	.00000	.03585	.00246	.03337
8.000	17.000	.00335	3.50072	.28474	.00893	-.00257	-.00014	-.00004	.03570	.00246	.03323
8.000	19.000	.00404	3.50072	.34325	.01241	-.00270	-.00023	-.00006	.03580	.00246	.03333
8.000	21.000	.00462	3.50072	.40956	.01584	-.00237	-.00035	-.00001	.03604	.00246	.03357
8.000	23.000	.00438	3.50072	.47732	.01887	-.00228	-.00034	.00002	.03658	.00246	.03410
8.000	25.000	.00396	3.50072	.54869	.02141	-.00191	-.00034	.00005	.03698	.00246	.03450
8.000	27.000	.00478	3.50072	.62368	.02327	-.00257	-.00038	.00000	.03745	.00246	.03497
8.000	29.000	.00350	3.50072	.70251	.02427	-.00239	-.00023	-.00010	.03804	.00246	.03557
8.000	31.000	.00392	3.50072	.78296	.02495	-.00265	-.00027	-.00012	.03852	.00246	.03605
8.000	33.000	.00412	3.50072	.86329	.02540	-.00303	-.00027	-.00010	.03850	.00246	.03603
8.000	35.000	.00366	3.50072	.94825	.02483	-.00278	-.00024	-.00012	.03782	.00246	.03553
8.000	37.000	.00371	3.50072	1.03331	.02364	-.00273	-.00027	-.00009	.03677	.00246	.03429
8.000	39.000	.00393	3.50072	1.11650	.02188	-.00294	-.00030	-.00001	.03558	.00246	.03311
8.000	41.000	.00369	3.50072	1.20050	.01956	-.00259	-.00032	.00006	.03390	.00246	.03143
8.000	43.000	.00384	3.50072	1.28355	.01682	-.00242	-.00039	.00014	.03195	.00246	.02947
8.000	45.000	.00445	3.50072	1.36519	.01382	-.00259	-.00050	.00022	.02998	.00246	.02750
8.000	46.439	.00443	3.50072	1.42836	.01183	-.00234	-.00055	.00027	.02801	.00246	.02553
GRADIENT		.00510	.00000	.03222	.00155	.00007	-.00003	.00001	.00013	-.00000	.00013

AECC VA474 (0477/78) (B26C9F7M7) (W116E26) (V0R5)

(RTN008) (10 JAN 74)

REFERENCE DATA

SREF = 87.156 INCHES XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -20.000
 ALLYON = .000 BCFLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 1610/ 5 RN/L = 1.88 GRADIENT INTERVAL = 14.00/ 25.00

WACH	ALPHA	BETA	RN/L	CN	CLM	CY	CTM	CBL	CA	CAB	CAF
10.090	15.999	.00128	1.87885	.25476	.00871	-.00098	-.00016	.00009	.05840	.00115	.05723
10.090	17.000	.00102	1.87885	.29344	.01163	-.00099	-.00010	.00007	.05833	.00115	.05716
10.090	19.000	.00104	1.87885	.33645	.01622	-.00099	-.00011	.00012	.05888	.00115	.05772
10.090	21.000	.00185	1.87885	.42003	.01934	-.00114	-.00027	.00016	.05889	.00115	.05772
10.090	23.000	.00225	1.87885	.49104	.02338	-.00121	-.00036	.00013	.05984	.00115	.05867
10.090	25.000	.00222	1.87885	.56410	.02655	-.00145	-.00033	.00013	.06030	.00115	.05913
10.090	27.000	.00149	1.87885	.64058	.02900	-.00143	-.00017	.00018	.06076	.00115	.05960
10.090	29.000	.00090	1.87885	.71929	.02998	-.00128	-.00006	.00024	.06112	.00115	.05996
10.090	31.000	.00288	1.87885	.80374	.03105	-.00139	-.00046	.00019	.06234	.00115	.06118
10.090	33.000	.00164	1.87885	.89952	.03106	-.00166	-.00020	.00024	.06230	.00115	.06114
10.090	35.000	.00174	1.87885	.97721	.03027	-.00180	-.00022	.00026	.06183	.00115	.06167
10.090	37.000	.00396	1.87885	1.06429	.02901	-.00269	-.00070	.00026	.06101	.00115	.05985
10.090	39.000	.00319	1.87885	1.15234	.02669	-.00232	-.00057	.00034	.06041	.00115	.05925
10.090	41.000	.00251	1.87885	1.24426	.02297	-.00225	-.00042	.00043	.05894	.00115	.05777
10.090	43.000	.00370	1.87885	1.33519	.02069	-.00267	-.00070	.00043	.05731	.00115	.05614
10.090	45.000	.00309	1.87885	1.42513	.01764	-.00232	-.00062	.00050	.05547	.00115	.05430
10.090	GRADIENT	.00014	.10000	.03294	.00190	-.00005	-.00003	.00001	.00021	-.00000	.00021

DATE 29 AUG 74

TABULATED SOURCE DATA. AEDC VA474

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AEDC VA414 (0477/78) (826C9F7M7) (W116E26) (V685)

(RTN009) (10 JAN 74)

REFERENCE DATA

SREF = 87.1360 IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

RUN NO. 310/ 0 RN/L = 4.72 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.687	.00348	4.71551	.28597	.00198	-.00290	-.00006	-.00008	.00651	.00494	.05337
5.950	17.000	.00384	4.71551	.31612	.00263	-.00298	-.00007	-.00004	.00894	.00494	.05400
5.950	19.000	.00334	4.71551	.38094	.00485	-.00246	-.00011	-.00003	.00715	.00494	.05221
5.950	21.000	.00361	4.71551	.44649	.00725	-.00301	-.00034	.00001	.00761	.00494	.05267
5.950	23.000	.00335	4.71551	.51628	.00927	-.00271	-.00034	.00006	.00734	.00494	.05240
5.950	25.000	.00395	4.71551	.58974	.01080	-.00277	-.00042	.00015	.00724	.00494	.05231
5.950	27.000	.00325	4.71551	.66625	.01149	-.00300	-.00031	.00017	.00686	.00494	.05192
5.950	29.000	.00364	4.71551	.74570	.01150	-.00331	-.00031	.00016	.00638	.00494	.05144
5.950	31.000	.00603	4.71551	.82765	.01034	-.00310	-.00040	.00021	.00588	.00494	.05095
5.950	33.000	.00582	4.71551	.91115	.00850	-.00327	-.00040	.00016	.00539	.00494	.05045
5.950	35.000	.00354	4.71551	.99633	.00376	-.00311	-.00040	.00020	.00428	.00494	.04935
5.950	37.000	.00339	4.71551	1.08353	.00242	-.00298	-.00041	.00021	.00326	.00494	.04802
5.950	39.000	.00337	4.71551	1.16914	-.00146	-.00324	-.00040	.00014	.00158	.00494	.04664
5.950	41.000	.00339	4.71551	1.25431	-.00354	-.00304	-.00045	.00012	.00427	.00494	.04433
5.950	43.000	.00329	4.71551	1.34070	-.01006	-.00283	-.00049	.00022	.04673	.00494	.04189
5.950	45.000	.00664	4.71551	1.42461	-.01425	-.00371	-.00063	.00024	.04395	.00494	.03901
5.950	46.142	.00726	4.71551	1.47129	-.01834	-.00427	-.00068	.00025	.04286	.00494	.03792
GRADIENT		.00030	.00000	.03345	.00102	.00001	-.00004	.00002	-.00016	.00000	-.00016

PARAMETRIC DATA

BETA = .000 ELEVTR = -10.000
 AIRLON = .000 BCFLAP = -11.700
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 860/ 0 RN/L = 3.51 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.773	.00446	3.50979	.25728	.00388	-.00279	-.00026	-.00007	.05479	.00242	.05235
8.000	17.000	.00307	3.50979	.29009	.00474	-.00237	-.00013	-.00010	.05531	.00242	.05286
8.000	19.000	.00379	3.50979	.35216	.00778	-.00240	-.00021	-.00012	.05472	.00242	.05228
8.000	21.000	.00462	3.50979	.41764	.01049	-.00244	-.00033	-.00005	.05500	.00242	.05235
8.000	23.000	.00453	3.50979	.48663	.01258	-.00219	-.00039	-.00002	.05536	.00242	.05292
8.000	25.000	.00438	3.50979	.55937	.01429	-.00215	-.00037	-.00002	.05555	.00242	.05311
8.000	27.000	.00457	3.50979	.63574	.01508	-.00259	-.00035	-.00010	.05577	.00242	.05332
8.000	29.000	.00360	3.50979	.71543	.01527	-.00283	-.00023	-.00025	.05584	.00242	.05340
8.000	31.000	.00393	3.50979	.79790	.01473	-.00281	-.00028	-.00019	.05582	.00242	.05338
8.000	33.000	.00442	3.50979	.88193	.01341	-.00278	-.00034	-.00019	.05534	.00242	.05309
8.000	35.000	.00447	3.50979	.96772	.01115	-.00285	-.00036	-.00019	.05475	.00242	.05281
8.000	37.000	.00407	3.50979	1.05421	.00797	-.00282	-.00034	-.00016	.05365	.00242	.05121
8.000	39.000	.00436	3.50979	1.14128	.00395	-.00283	-.00042	-.00013	.05231	.00242	.04987
8.000	41.000	.00478	3.50979	1.22781	-.00019	-.00250	-.00054	-.00009	.05065	.00242	.04820
8.000	43.000	.00310	3.50979	1.31377	-.00488	-.00239	-.00062	-.00006	.04887	.00242	.04642
8.000	45.000	.00412	3.50979	1.39820	-.01001	-.00187	-.00053	-.00001	.04673	.00242	.04428
8.000	46.213	.00483	3.50979	1.45215	-.01261	-.00223	-.00063	.00003	.04525	.00242	.04281
GRADIENT		.00009	.00000	.03282	.00118	.00005	-.00002	.00001	.00006	.00000	.00006

REFERENCE DATA

SRFP = 07.1565 SQ. IN. YMRP = 12.0050 INCHES
LRFP = 7.1220 INCHES YMRP = .0000 INCHES
BRFP = 14.0520 INCHES YMRP = -.0750 INCHES
SCALE = .0150

AEDC WA474 (0A77/78) (B26C9F7N7) (W116E26) (V0R5)

(RTN009) (10 JAN 74)

PARAMETRIC DATA

BETA = .000 ELEVTR = -10.000
AILRON = .000 BDFLAP = -11.700
SFOBRK = 55.000 RUDDER = .000

RUN NO. 1650/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.50/ 25.00

W/CM	ALPHA	BETA	RN/L	CN	CLM	CV	CYN	CBL	CA	CAB	CAF
10.090	15.633	.00046	1.89123	.25673	.00597	-.00054	-.00003	.00009	.05661	.00103	.05553
10.090	17.000	-.00146	1.89123	.29413	.00869	-.00050	.00026	.00007	.05612	.00103	.05503
10.090	19.000	.00103	1.89123	.35636	.01222	-.00075	-.00013	.00008	.05679	.00103	.05573
10.090	21.000	.00200	1.89123	.42061	.01506	-.00124	-.00029	.00011	.05698	.00103	.05592
10.090	23.000	.00227	1.89123	.49000	.01772	-.00127	-.00036	.00013	.05742	.00103	.05636
10.090	25.000	.00153	1.89123	.56398	.01948	-.00116	-.00021	.00009	.05785	.00103	.05670
10.090	27.000	.00232	1.89123	.63929	.01998	-.00119	-.00039	.00014	.05831	.00103	.05723
10.090	29.000	.00426	1.89123	.72123	.02102	-.00164	-.00081	.00015	.05817	.00103	.05711
10.090	31.000	.00036	1.89123	.80613	.02053	-.00164	.00011	.00016	.05829	.00103	.05723
10.090	33.000	.00637	1.89123	.89207	.01879	-.00307	-.00125	.00009	.05899	.00103	.05792
10.090	35.000	.00236	1.89123	.97335	.01665	-.00247	-.00045	.00005	.05774	.00103	.05668
10.090	37.000	.00249	1.89123	1.06805	.01343	-.00202	-.00040	.00011	.05729	.00103	.05623
10.090	39.000	.00279	1.89123	1.15731	.00942	-.00244	-.00045	.00015	.05637	.00103	.05531
10.090	41.000	.00317	1.89123	1.24325	.00503	-.00248	-.00057	.00015	.05490	.00103	.05384
10.090	43.000	.00342	1.89123	1.34277	.00049	-.00249	-.00066	.00014	.05308	.00103	.05202
10.090	45.000	.00305	1.89123	1.43376	-.00426	-.00215	-.00063	.00013	.05184	.00103	.05077
GRADIENT		.00027	.00000	.03288	.00145	-.00014	-.00004	.00000	.00016	.00000	.00016

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8R5)

(RTN010) (10 JAN 74)

REFERENCE DATA

SRFP = 87.1560 IN. THRP = 12.6250 INCHES
 LREF = 7.1220 INCHES THRP = .0000 INCHES
 EXEF = 14.0920 INCHES ZHRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = -5.000
 AIRLON = .000 BDFLAP = -11.700
 SPOBER = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 150/ 0 RN/L = 4.70 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.928	.00152	4.69847	.29334	-.00222	-.00162	-.00002	.00005	.03863	.00494	.05369
5.950	17.000	.00201	4.69847	.32412	-.00194	-.00176	-.00003	.00005	.03863	.00494	.05369
5.950	19.000	.00246	4.69847	.38799	-.00056	-.00188	-.00007	.00011	.03768	.00493	.05274
5.950	21.000	.00332	4.69847	.45345	.00160	-.00191	-.00020	.00015	.03756	.00494	.05263
5.950	23.000	.00502	4.69847	.52687	.00205	-.00245	-.00033	.00018	.03770	.00494	.05277
5.950	25.000	.00520	4.69847	.60198	.00250	-.00222	-.00039	.00029	.03746	.00494	.05253
5.950	27.000	.00473	4.69847	.67969	.00235	-.00262	-.00029	.00034	.03722	.00494	.05229
5.950	29.000	.00432	4.69847	.76109	.00235	-.00271	-.00024	.00036	.03696	.00494	.05202
5.950	31.000	.00387	4.69847	.84421	-.00112	-.00286	-.00041	.00048	.03661	.00494	.05168
5.950	33.000	.00341	4.69847	.92335	-.00424	-.00294	-.00038	.00044	.03622	.00494	.05128
5.950	35.000	.00335	4.69847	1.01718	-.00585	-.00266	-.00043	.00052	.03539	.00493	.05045
5.950	37.000	.00389	4.69847	1.10561	-.00287	-.00257	-.00053	.00064	.03421	.00494	.04927
5.950	39.000	.00565	4.69847	1.19402	-.00179	-.00273	-.00050	.00064	.03273	.00494	.04780
5.950	41.000	.00555	4.69847	1.28161	-.00348	-.00295	-.00048	.00058	.03197	.00494	.04614
5.950	43.000	.00554	4.69847	1.36753	-.00294	-.00313	-.00049	.00055	.03126	.00494	.04432
5.950	45.000	.00677	4.69847	1.45285	-.00354	-.00387	-.00063	.00059	.03079	.00494	.04215
5.950	46.151	.00679	4.69847	1.50237	-.00374	-.00368	-.00068	.00060	.03073	.00493	.04079
GRADIENT		.00044	-.00000	.03443	.00037	-.00008	-.00003	.00003	-.00019	.00000	-.00019

RUN NO. 870/ 0 RN/L = 3.52 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.865	.00400	3.52406	.26350	.00069	-.00254	-.00023	-.00004	.03473	.00234	.05236
8.000	17.000	.00310	3.52406	.29632	.00145	-.00214	-.00016	-.00008	.03451	.00234	.05214
8.000	19.000	.00412	3.52406	.35860	.00355	-.00245	-.00027	-.00009	.03448	.00234	.05210
8.000	21.000	.00305	3.52406	.42556	.00341	-.00240	-.00041	-.00003	.03493	.00234	.05256
8.000	23.000	.00307	3.52406	.49521	.00651	-.00222	-.00045	.00005	.03521	.00234	.05284
8.000	25.000	.00303	3.52406	.56930	.00723	-.00226	-.00044	.00000	.03558	.00234	.05321
8.000	27.000	.00456	3.52406	.64728	.00703	-.00245	-.00037	-.00007	.03579	.00234	.05342
8.000	29.000	.00436	3.52406	.72851	.00597	-.00289	-.00029	-.00013	.03584	.00234	.05347
8.000	31.000	.00456	3.52406	.81224	.00411	-.00274	-.00036	-.00012	.03603	.00234	.05366
8.000	33.000	.00524	3.52406	.89802	.00158	-.00281	-.00047	-.00009	.03571	.00234	.05334
8.000	35.000	.00460	3.52406	.98564	-.00212	-.00265	-.00041	-.00007	.03498	.00234	.05281
8.000	37.000	.00406	3.52406	1.07372	-.00654	-.00238	-.00037	-.00003	.03399	.00234	.05162
8.000	39.000	.00485	3.52406	1.16256	-.00174	-.00251	-.00050	-.00001	.03315	.00234	.05078
8.000	41.000	.00562	3.52406	1.25094	-.00178	-.00286	-.00062	.00004	.03178	.00234	.04941
8.000	43.000	.00515	3.52406	1.33828	-.00237	-.00243	-.00062	.00011	.03024	.00234	.04767
8.000	45.000	.00486	3.52406	1.42377	-.00293	-.00200	-.00065	.00019	.02850	.00234	.04613
8.000	46.046	.00538	3.52406	1.47242	-.00328	-.00241	-.00071	.00021	.02738	.00234	.04511
GRADIENT		.00019	-.00000	.03328	.00075	.00002	-.00003	.00001	-.00011	.00000	-.00011

TABULATED SOURCE DATA, AEDC VA474

DATE 29 AUG 74

(RTM010) (10 JAN 74)

AEDC VA474(CA77/78) (B28C9F7M7) (W116E26) (V0R5)

REFERENCE DATA

BREF = 87.1500 INCHES XMRP = 12.6250 INCHES
 LREF = 7.1225 INCHES YMRP = .0000 INCHES
 SREF = 14.0525 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVIR = -5.000
 AIRLON = .000 BDFLAP = -11.700
 SPDBRK = 55.000 RUCCER = .000

PARAMETRIC DATA

RUN NO. 1410/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.714	.00022	1.89053	.26142	.00202	.00047	-.00010	.00014	.05571	.00103	.05467
10.090	17.000	.00187	1.89053	.29620	.00351	-.00035	-.00036	.00015	.05542	.00103	.05438
10.090	19.000	.00134	1.89053	.36037	.00686	-.00002	-.00023	.00018	.05594	.00103	.05490
10.090	21.000	.00451	1.89053	.42337	.00875	-.00111	-.00087	.00025	.05550	.00103	.05446
10.090	23.000	.00122	1.89053	.49476	.01051	-.00026	-.00024	.00029	.05604	.00103	.05581
10.090	25.000	.00047	1.89053	.56618	.01193	.00008	-.00012	.00029	.05665	.00103	.05561
10.090	27.000	-.00060	1.89053	.64457	.01144	-.00024	.00017	.00034	.05648	.00103	.05544
10.090	29.000	-.00051	1.89053	.72416	.01058	-.00029	.00004	.00034	.05726	.00103	.05622
10.090	31.000	.00205	1.89053	.80599	.00899	-.00003	-.00033	.00038	.05765	.00103	.05656
10.090	33.000	.00212	1.89053	.89639	.00623	-.00038	-.00040	.00045	.05774	.00103	.05670
10.090	35.000	.00227	1.89053	.98362	.00249	-.00109	-.00044	.00045	.05758	.00103	.05674
10.090	37.000	.00208	1.89053	1.07273	-.00185	-.00084	-.00044	.00047	.05645	.00103	.05542
10.090	39.000	.00231	1.89053	1.16320	-.00750	-.00116	-.00048	.00047	.05577	.00103	.05474
10.090	41.000	.00315	1.89053	1.25402	-.01267	-.00152	-.00068	.00046	.05476	.00103	.05372
10.090	43.000	.00317	1.89053	1.34711	-.01877	-.00186	-.00070	.00046	.05387	.00103	.05273
10.090	45.000	.00364	1.89053	1.43882	-.02450	-.00163	-.00086	.00051	.05228	.00103	.05124
GRADIENT		.00002	.00000	.00307	.00110	-.00004	-.00000	.00002	.05013	.00000	.00013

AEDC VA474(OA77/78) (B26C9FTM7) (W116E26) (V0R5)

(RTN011) (10 JAN 74)

REFERENCE DATA

SREF = 97.1960 IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILRON = .000 BDFLAP = -11.700
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 160/ 0 RN/L = 4.66 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.862	.00101	4.65551	.30025	-.00841	-.00159	.00007	.00009	.03910	.00493	.05420
5.950	17.000	.00239	4.65551	.33359	-.00858	-.00219	-.00002	.00010	.03866	.00493	.05375
5.950	19.000	.00359	4.65551	.39909	-.00828	-.00259	-.00013	.00015	.03838	.00493	.05347
5.950	21.000	.00314	4.65551	.46039	-.00778	-.00200	-.00015	.00023	.03843	.00493	.05332
5.950	23.000	.00449	4.65551	.54139	-.00780	-.00243	-.00027	.00028	.03870	.00493	.05379
5.950	25.000	.00477	4.65551	.61762	-.00884	-.00240	-.00032	.00040	.03867	.00493	.05376
5.950	27.000	.00542	4.65551	.69751	-.01002	-.00305	-.00034	.00046	.03856	.00493	.05365
5.950	29.000	.00505	4.65551	.78330	-.01272	-.00324	-.00028	.00048	.03852	.00493	.05362
5.950	31.000	.00329	4.65551	.86476	-.01623	-.00275	-.00038	.00059	.03839	.00493	.05348
5.950	33.000	.00560	4.65551	.95230	-.02069	-.00337	-.00036	.00057	.03847	.00493	.05356
5.950	35.000	.00561	4.65551	1.04152	-.02607	-.00303	-.00043	.00065	.03810	.00493	.05 19
5.950	37.000	.00635	4.65551	1.13162	-.03204	-.00307	-.00055	.00075	.03738	.00493	.05248
5.950	39.000	.00653	4.65551	1.22131	-.03827	-.00338	-.00056	.00077	.03623	.00493	.05132
5.950	41.000	.00625	4.65551	1.30975	-.04597	-.00359	-.00052	.00076	.03506	.00493	.05015
5.950	43.000	.00569	4.65551	1.39780	-.05217	-.00377	-.00044	.00069	.03384	.00493	.04894
5.950	45.000	.00494	4.65551	1.48600	-.05915	-.00361	-.00037	.00068	.03166	.00493	.04676
5.950	45.852	.00596	4.65551	1.52451	-.06238	-.00403	-.00050	.00072	.03089	.00493	.04598
GRADIENT		.00037	.00000	.03478	.00003	-.00006	-.00004	.00003	-.00003	.00000	-.00003

RUN NO. 770/ 0 RN/L = 3.47 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.831	.00309	3.46617	.27075	-.00383	-.00238	-.00013	-.00003	.03561	.00167	.05389
8.000	17.000	.00238	3.46617	.30406	-.00344	-.00206	-.00007	-.00005	.03328	.00167	.05356
8.000	19.000	.00344	3.46617	.36734	-.00240	-.00240	-.00018	-.00006	.03549	.00167	.05377
8.000	21.000	.00351	3.46617	.43555	-.00158	-.00199	-.00025	-.00003	.03581	.00167	.05408
8.000	23.000	.00431	3.46617	.50694	-.00169	-.00225	-.00033	.00000	.03654	.00167	.05481
8.000	25.000	.00526	3.46617	.58297	-.00244	-.00263	-.00043	.00001	.03705	.00167	.05532
8.000	27.000	.00597	3.46617	.66259	-.00377	-.00284	-.00039	-.00002	.03770	.00167	.05566
8.000	29.000	.00302	3.46617	.74538	-.00632	-.00229	-.00017	.00009	.03738	.00167	.05598
8.000	31.000	.00389	3.46617	.83107	-.00945	-.00257	-.00028	-.00009	.03816	.00167	.05644
8.000	33.000	.00457	3.46617	.91868	-.01352	-.00278	-.00037	-.00008	.03829	.00167	.05656
8.000	35.000	.00356	3.46617	1.00788	-.01864	-.00234	-.00028	-.00008	.03804	.00167	.05632
8.000	37.000	.00335	3.46617	1.09816	-.02451	-.00249	-.00024	-.00007	.03763	.00167	.05587
8.000	39.000	.00326	3.46617	1.18856	-.03086	-.00204	-.00030	-.00000	.03707	.00167	.05535
8.000	41.000	.00427	3.46617	1.27807	-.03748	-.00220	-.00047	.00007	.03601	.00167	.05429
8.000	43.000	.00375	3.46617	1.36656	-.04461	-.00143	-.00049	.00018	.03503	.00167	.05350
8.000	45.000	.00479	3.46617	1.45350	-.05178	-.00203	-.00063	.00026	.03382	.00167	.05210
8.000	46.261	.00455	3.46617	1.50900	-.05596	-.00207	-.00060	.00032	.03287	.00167	.05115
GRADIENT		.00026	.00000	.03407	.00019	-.00002	-.00004	.00001	-.00018	.00000	.00018

AEDC VA474 (0A77/78) (826C9F7M7) (W116E28) (V0R3)

(RTN011) (10 JAN 74)

REFERENCE DATA

SREF = 87.1960 98-IN. XMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES XMRP = .0000 INCHES
 BRFP = 14.0320 INCHES XMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AIRLOW = .000 BDFLAP = -11.700
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 1620/ G RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACN	ALPHA	BETA	RN/L	CN	CLM	CV	CYN	CBL	CA	CAB	CAF
10.090	15.371	.00208	1.88829	.26879	-.00186	-.00128	-.00029	.00006	.03775	.00105	.05667
10.090	17.000	.00004	1.88829	.30973	-.00023	-.00010	.00000	.00003	.03756	.00105	.05648
10.090	19.000	.00183	1.88829	.37573	.00177	-.00118	-.00026	.00005	.05827	.00105	.05719
10.090	21.000	.00221	1.88829	.44323	.00266	-.00123	-.00034	.00010	.05853	.00105	.05745
10.090	23.000	.00291	1.88829	.51643	.00283	-.00127	-.00030	.00015	.05926	.00105	.05818
10.090	25.000	.00199	1.88829	.59373	.00272	-.00130	-.00030	.00017	.05905	.00105	.05877
10.090	27.000	-.00060	1.88829	.67647	.00170	-.00089	.00025	.00022	.05989	.00105	.05881
10.090	29.000	.00056	1.88829	.75873	-.00092	-.00084	-.00003	.00017	.06049	.00105	.05941
10.090	31.000	.00087	1.88829	.85018	-.00404	-.00119	-.00007	.00021	.06143	.00105	.06035
10.090	33.000	.00235	1.88829	.94930	-.00823	-.00186	-.00035	.00020	.06206	.00105	.06098
10.090	35.000	.00274	1.88829	1.03346	-.01432	-.00195	-.00046	.00028	.06209	.00105	.06101
10.090	37.000	.00241	1.88829	1.12885	-.02016	-.00202	-.00038	.00039	.06156	.00105	.06048
10.090	39.000	.00293	1.88829	1.22212	-.02667	-.00213	-.00052	.00051	.06122	.00105	.06014
10.090	41.000	.00372	1.88829	1.31723	-.03332	-.00249	-.00072	.00059	.06073	.00105	.05965
10.090	43.000	.00298	1.88829	1.41324	-.04235	-.00217	-.00058	.00063	.05970	.00105	.05862
10.090	45.000	.00292	1.88829	1.50932	-.05037	-.00186	-.00063	.00069	.05821	.00105	.05713
GRADIENT		.00013	.00000	.03450	.00048	-.00006	-.00003	.00001	.00024	.00000	.00024

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(0A77/78) (B26C9F7M7) (W116E26) (V0R3)

(RTM012) (10 JAN 74)

REFERENCE DATA

REF = 07.1560 IN. XMP = 12.6250 INCHES
LREF = 7.1220 INCHES YMP = .0000 INCHES
BREF = 14.6320 INCHES ZMP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILROM = .000 BDFLAP = -11.700
SPDBRK = 55.000 RUDDER = .000

RUN NO. 20/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.726	-0.0029	1.86775	.30462	-.00916	-.00096	.00021	.00001	.06011	.00403	.05600
5.950	17.000	-0.0042	1.86775	.34339	-.00926	-.00073	.00022	.00000	.06016	.00405	.05607
5.950	19.000	-0.0076	1.86775	.40696	-.00914	-.00180	-.00001	.00003	.05963	.00404	.05552
5.950	21.000	-0.0101	1.86775	.47871	-.00917	-.00150	-.00008	.00012	.05977	.00404	.05566
5.950	23.000	-0.0094	1.86775	.55312	-.00851	-.00179	-.00008	.00014	.05964	.00404	.05553
5.950	25.000	-0.0129	1.86775	.62964	-.00977	-.00233	-.00013	.00020	.05969	.00404	.05550
5.950	27.000	-0.0124	1.86775	.70879	-.01153	-.00240	-.00011	.00029	.05928	.00404	.05518
5.950	29.000	-0.0107	1.86775	.79044	-.01374	-.00262	-.00004	.00030	.05919	.00404	.05508
5.950	31.000	-0.0158	1.86775	.87490	-.01694	-.00276	-.00020	.00040	.05922	.00404	.05511
5.950	33.000	-0.0146	1.86775	.96273	-.02086	-.00290	-.00015	.00036	.05895	.00404	.05484
5.950	35.000	-0.0141	1.86775	1.05046	-.02585	-.00287	-.00015	.00037	.05858	.00404	.05448
5.950	37.000	-0.0137	1.86775	1.13998	-.03167	-.00308	-.00020	.00042	.05763	.00404	.05353
5.950	39.000	-0.0146	1.86775	1.22901	-.03773	-.00286	-.00020	.00049	.05646	.00404	.05235
5.950	41.000	-0.0146	1.86775	1.31732	-.04467	-.00305	-.00020	.00051	.05534	.00404	.05124
5.950	43.000	-0.0173	1.86775	1.40613	-.05207	-.00348	-.00027	.00056	.05404	.00403	.04994
5.950	45.000	-0.0093	1.86775	1.49338	-.05900	-.00214	-.00013	.00056	.05272	.00403	.04862
5.950	47.253	-0.0204	1.86775	1.50482	-.06043	-.00401	-.00036	.00056	.05199	.00403	.04769
GRADIENT		.00010	.00000	.03508	-.00001	-.00015	-.00004	.00003	-.00005	-.00000	-.00005

RUN NO. 600/ 0 RN/L = 1.81 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
7.900	15.669	.00139	1.81349	.26729	-.00574	-.00073	-.00029	-.00006	.05662	.00242	.05415
7.900	17.000	.00164	1.81349	.30514	-.00530	-.00121	-.00030	-.00009	.05700	.00242	.05454
7.900	19.000	.00167	1.81349	.36770	-.00421	-.00127	-.00031	-.00010	.05690	.00242	.05443
7.900	21.000	.00253	1.81349	.43590	-.00354	-.00151	-.00032	-.00001	.05736	.00242	.05490
7.900	23.000	.00247	1.81349	.50762	-.00327	-.00125	-.00035	.00000	.05764	.00242	.05517
7.900	25.000	.00289	1.81349	.58256	-.00414	-.00135	-.00061	.00001	.05819	.00242	.05573
7.900	27.000	.00274	1.81349	.66174	-.00506	-.00163	-.00058	-.00003	.05858	.00242	.05611
7.900	29.000	.00210	1.81349	.74307	-.00708	-.00153	-.00046	-.00008	.05895	.00242	.05648
7.900	31.000	.00279	1.81349	.82526	-.00774	-.00189	-.00059	-.00010	.05916	.00242	.05669
7.900	33.000	.00243	1.81349	.91367	-.01350	-.00169	-.00055	-.00012	.05942	.00242	.05696
7.900	35.000	.00207	1.81349	1.00165	-.01814	-.00156	-.00047	-.00011	.05934	.00242	.05688
7.900	37.000	.00273	1.81349	1.09126	-.02332	-.00174	-.00068	.00003	.05900	.00242	.05653
7.900	39.000	.00271	1.81349	1.18067	-.02931	-.00155	-.00072	.00013	.05819	.00242	.05573
7.900	41.000	.00240	1.81349	1.26884	-.03549	-.00162	-.00080	.00016	.05732	.00242	.05485
7.900	43.000	.00299	1.81349	1.35629	-.04221	-.00177	-.00085	.00019	.05613	.00242	.05367
7.900	45.000	.00266	1.81349	1.44254	-.04907	-.00153	-.00087	.00020	.05491	.00242	.05244
7.900	47.253	.00280	1.81349	1.47173	-.05784	-.00130	-.00068	.00022	.05442	.00242	.05193
GRADIENT		.00018	.00000	.03330	-.00022	-.00005	-.00004	.00001	.00015	-.00000	.00015

AEDC VA474 (0477/74) (B26C9FTM7) (W116E26) (V0R3)

(RTM012) (10 JAN 74

REFERENCE DATA

REF = 87.1500 IN. ZMRP = 12.6250 INCHES
REF = 7.1250 INCHES ZMRP = .0000 INCHES
REF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILROW = .000 BDFLAP = -11.705
SPCRK = 55.000 RUDDER = .000

RUN NO. 1620/ 0 RM/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.571	.00206	1.88829	.26879	-.00186	-.00120	-.00029	.00006	.03775	.00105	.03667
10.090	17.000	.00004	1.88829	.39873	-.00023	-.00010	.00000	.00003	.03756	.00105	.05648
10.090	19.000	.00183	1.88829	.37573	-.00177	-.00118	-.00026	.00005	.03827	.00105	.05719
10.090	21.000	.00221	1.88829	.44325	.00266	-.00125	-.00034	.00010	.03853	.00105	.05745
10.090	23.000	.00291	1.88829	.51643	.00283	-.00127	-.00030	.00015	.03926	.00105	.05818
10.090	25.000	.00199	1.88829	.59379	.00272	-.00130	-.00030	.00017	.03985	.00105	.05877
10.090	27.000	-.00060	1.88829	.67647	.00170	-.00089	.00025	.00022	.03989	.00105	.05881
10.090	29.000	.00036	1.88829	.75875	-.00092	-.00084	-.00003	.00017	.06049	.00105	.05941
10.090	31.000	.00087	1.88829	.85018	-.00404	-.00119	-.00007	.00021	.06143	.00105	.06025
10.090	33.000	.00235	1.88829	.94098	-.00823	-.00186	-.00035	.00020	.06206	.00105	.06096
10.090	35.000	.00274	1.88829	1.03346	-.01432	-.00193	-.00046	.00028	.06209	.00105	.06101
10.090	37.000	.00241	1.88829	1.12685	-.02018	-.00202	-.00038	.00039	.06156	.00105	.06048
10.090	39.000	.00293	1.88829	1.22212	-.02667	-.00213	-.00052	.00051	.06122	.00105	.06011
10.090	41.000	.00372	1.88829	1.31723	-.03352	-.00249	-.00072	.00059	.06073	.00105	.05965
10.090	43.000	.00298	1.88829	1.41324	-.04235	-.00217	-.00058	.00063	.05970	.00105	.05882
10.090	45.000	.00292	1.88829	1.50932	-.05057	-.00186	-.00063	.00069	.05821	.00105	.05713
GRADIENT		.00013	.00000	.03450	.00048	-.00006	-.00003	.00001	.00024	.00000	.00024

DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/78) (826C9F7M7) (W116226) (V083)

(RTW013) (10 JAN 74)

REFERENCE DATA

REF = 07.1960 IN. XMRP = 12.8250 INCHES
 LREF = 7.1220 INCHES YMRP = -0.0000 INCHES
 BREF = 14.9520 INCHES ZMRP = -0.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 ALPHA = .000 BDFLAP = -11.700
 SPDRK = 55.000 RUDDER = .000

RUN NO. 830/ 0 RN/L = .95 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.910	15.843	.00050	.95477	.29369	-.01065	-.00044	-.00024	-.00009	.06093	.00352	.03744
9.910	17.000	.00063	.95477	.33222	-.01164	-.00095	-.00025	-.00009	.06079	.00352	.03730
9.910	19.000	.00074	.95477	.39764	-.01102	-.00106	-.00031	-.00008	.06067	.00352	.03718
9.910	21.000	.00082	.95477	.46688	-.01076	-.00082	-.00039	.00000	.06078	.00352	.03729
9.910	23.000	.00111	.95477	.53948	-.01138	-.00101	-.00055	.00016	.06071	.00352	.03722
9.910	25.000	.00118	.95477	.61451	-.01315	-.00117	-.00059	.00020	.06135	.00352	.03786
9.910	27.000	.00120	.95477	.69412	-.01453	-.00192	-.00052	.00023	.06126	.00352	.03777
9.910	29.000	.00094	.95477	.77551	-.01665	-.00182	-.00038	.00021	.06103	.00352	.03754
9.910	31.000	.00105	.95477	.85863	-.01967	-.00205	-.00044	.00028	.06133	.00352	.03784
9.910	33.000	.00105	.95477	.94507	-.02384	-.00217	-.00043	.00033	.06134	.00352	.03805
9.910	35.000	.00110	.95477	1.03293	-.02837	-.00237	-.00046	.00014	.06122	.00352	.03774
9.910	37.000	.00110	.95477	1.12091	-.03399	-.00178	-.00055	.00025	.06070	.00352	.03721
9.910	39.000	.00123	.95477	1.20769	-.04016	-.00173	-.00068	.00036	.05985	.00352	.03636
9.910	41.000	.00127	.95477	1.29595	-.04603	-.00200	-.00070	.00038	.05841	.00352	.03492
9.910	43.000	.00127	.95477	1.38325	-.05297	-.00229	-.00069	.00040	.05704	.00352	.03355
9.910	45.000	.00172	.95477	1.47110	-.05982	-.00399	-.00087	.00048	.05591	.00352	.03242
GRADIENT		.00007	-.00000	.03442	-.00517	-.00005	-.00004	-.00003	.00003	.00000	.00003

RUN NO. 1770/ 0 RN/L = .84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.930	15.815	.00034	.84342	.26086	-.00232	.00042	-.00023	.00018	.05969	.00027	.03935
9.930	17.000	.00048	.84342	.29889	-.00105	-.00001	-.00025	.00018	.05930	.00027	.03900
9.930	19.000	.00064	.84342	.36324	-.00073	-.00029	-.00031	.00022	.06027	.00027	.03996
9.930	21.000	.00071	.84342	.42810	-.00191	-.00024	-.00035	.00025	.06005	.00027	.03975
9.930	23.000	.00080	.84342	.49751	-.00202	-.00067	-.00036	.00032	.06088	.00027	.06058
9.930	25.000	.00095	.84342	.57302	-.00244	-.00050	-.00036	.00035	.06084	.00027	.06054
9.930	27.000	.00087	.84342	.64875	-.00124	-.00077	-.00039	.00037	.06189	.00027	.06158
9.930	29.000	.00055	.84342	.72768	-.00100	-.00030	-.00028	.00042	.06245	.00027	.06214
9.930	31.000	.00103	.84342	.81481	-.00324	-.00063	-.00063	.00049	.06284	.00027	.06284
9.930	33.000	.00102	.84342	.90211	-.00680	-.00032	-.00055	.00062	.06314	.00027	.06284
9.930	35.000	.00091	.84342	.98756	-.01185	-.00021	-.00053	.00068	.06354	.00027	.06284
9.930	37.000	.00041	.84342	1.07466	-.01711	-.00017	-.00028	.00074	.06245	.00027	.06284
9.930	39.000	.00106	.84342	1.16179	-.02265	-.00036	-.00064	.00083	.06187	.00027	.06284
9.930	41.000	.00068	.84342	1.25224	-.02958	-.00041	-.00041	.00093	.06161	.00027	.06284
9.930	43.000	.00089	.84342	1.34432	-.03647	-.00038	-.00057	.00094	.06165	.00027	.06284
9.930	45.000	.00099	.84342	1.42337	-.04158	-.00030	-.00067	.00103	.05975	.00027	.06284
GRADIENT		.00005	.00000	.03363	-.00510	-.00010	-.00002	-.00002	.00016	.00000	.00000

AEDC VA474 (0477/78) (B28C97M7) (W16E28) (V083)

(RTMG14) (10 JAN 74

REFERENCE DATA

REF = 87.1800 INCHES INRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0500 INCHES
 BREF = 14.5320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0130

BETA = .000 ELEVTR = .000
 AIRLON = .000 BCFLAP = -11.700
 SPOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 0 0/ 0 RN/L = .59 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.000	15.000	.00000	.50547	.29939	-.01048	-.00074	-.00049	-.00013	.06134	-.00397	.06128
9.000	17.000	.00041	.50547	.33847	-.01083	-.00014	-.00038	-.00015	.06099	-.00397	.06433
9.000	19.000	.00056	.50547	.40056	-.01207	-.00090	-.00043	-.00014	.06108	-.00397	.06583
9.000	21.000	.00074	.50547	.47045	-.01163	-.00091	-.00062	-.00004	.06206	-.00397	.06810
9.000	23.000	.00079	.50547	.54061	-.01331	-.00063	-.00072	.00010	.06245	-.00397	.06819
9.000	25.000	.00079	.50547	.61566	-.01426	-.00119	-.00066	.00011	.06332	-.00390	.06726
9.000	27.000	.00082	.50547	.69606	-.01571	-.00189	-.00061	.00009	.06348	-.00390	.06742
9.000	29.000	.00088	.50547	.77871	-.01829	-.00242	-.00063	.00011	.06396	-.00390	.06751
9.000	31.000	.00078	.50547	.86210	-.02127	-.00195	-.00080	.00011	.06392	-.00394	.06783
9.000	33.000	.00083	.50547	.94605	-.02311	-.00232	-.00062	.00022	.06471	-.00391	.06841
9.000	35.000	.00089	.50547	1.03355	-.02331	-.00249	-.00069	.00028	.06431	-.00386	.06813
9.000	37.000	.00084	.50547	1.12109	-.02451	-.00268	-.00063	.00029	.06362	-.00383	.06742
9.000	39.000	.00096	.50547	1.20635	-.02461	-.00240	-.00063	.00027	.06363	-.00381	.06741
9.000	41.000	.00087	.50547	1.29244	-.02471	-.00175	-.00063	.00034	.06142	-.00381	.06711
9.000	43.000	.00099	.50547	1.37682	-.02575	-.00236	-.00091	.00014	.05836	-.00381	.06714
9.000	44.783	.00121	.50547	1.45117	-.02593	-.00372	-.00109	.00010	.05853	-.00381	.06711
GRADIENT		.00004	.00000	.00389	-.00039	-.00006	-.00003	.00003	.00022	-.00000	.00002



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TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0A77/78) (826C97M7) (V110E28) (V083)

(RTN013) (10 JAN 74)

REFERENCE DATA

REF # 07.1300 50.1M. ZMRP = 12.6250 INCHES
 LREF # 7.1220 INCHES YMRP = .0000 INCHES
 BREF # 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVTR = .000
 AILRON = .000 BCFLAP = -.1.700
 SPDRK = 55.000 RUDDER = .000

RUN NO. 171/ 0 RN/L = 4.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	-3.039	20.60920	4.66409	.47637	-.00910	-.03878	.00602	-.00736	-.05731	.00483	.03243
9.950	-3.047	20.37260	4.66409	.47210	-.00804	-.02189	.00348	-.00462	-.05653	.00473	.03187
9.950	.004	20.33390	4.66409	.45885	-.00691	-.00268	-.00021	.00025	-.05842	.00483	.03381
9.950	2.069	20.36160	4.66409	.45982	-.00671	-.01966	-.00290	-.00283	-.05886	.00477	.03409
9.950	4.131	20.36410	4.66409	.45973	-.00719	-.03903	-.00495	-.00610	-.05921	.00487	.03431
9.950	6.191	20.36340	4.66409	.46018	-.00794	-.05059	-.00721	-.00908	-.06220	.00491	.03425
9.950	8.202	20.37270	4.66409	.45959	-.00706	-.07829	-.00971	-.01187	-.06179	.00498	.03675
9.950	10.214	20.62470	4.66409	.46039	-.00535	-.09883	-.01215	-.01463	-.06316	.00489	.03819
GRADIENT		-.00043	.00000	-.00174	.00013	-.00844	-.00119	-.00149	.00036	.00002	.00534

RUN NO. 1501/ 0 RN/L = 1.08 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	-3.034	20.39220	1.08281	.43716	-.00056	-.03151	-.00743	.00564	-.05630	.00069	.03549
10.090	-3.019	20.38800	1.08281	.43744	-.00013	-.01710	-.00414	.00342	-.05345	.00073	.03482
10.090	.004	20.35410	1.08281	.43693	-.00228	-.00243	-.00053	.00018	-.05899	.00075	.03824
10.090	2.037	20.35220	1.08281	.43625	.00250	-.01580	-.00360	-.00221	-.05887	.00089	.03759
10.090	4.060	20.36130	1.08281	.43464	.00311	-.03039	-.00687	-.00451	-.05951	.00093	.03836
10.090	6.090	20.37050	1.08281	.43420	.00355	-.04672	-.00979	-.00757	-.06059	.00097	.03959
10.090	8.060	20.43410	1.08281	.43118	.00505	-.06318	-.01267	-.00971	-.06119	.00069	.06048
10.090	10.137	20.35560	1.08281	.42198	.00710	-.08018	-.01522	-.01314	-.06140	.00034	.06168
GRADIENT		-.00372	-.00000	-.00058	.00041	-.00669	-.00155	-.00112	.00055	.00003	.00553

(RTM016) (10 JAN 74)

AECC VA474 (0477/78) (B76C97M7) (W116E28) (V8R5)

REFERENCE DATA

SREF = 07.1300 30.1M. XMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

RUN NO. 172/ 0 RN/L = 4.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	-5.075	25.80380	4.66161	.66863	-.01114	.03530	.00708	.00851	.03730	.00460	.05289
9.950	-2.924	25.79410	4.66161	.66787	-.01019	.01817	.00411	.00493	.03635	.00469	.05168
9.950	.005	25.76800	4.66161	.63735	-.00799	-.00312	-.00030	.00047	.03846	.00.49	.05399
9.950	2.982	25.77300	4.66161	.65602	-.00879	-.02006	-.00355	-.00316	.03855	.00476	.05373
9.950	4.113	25.77730	4.66161	.65644	-.00936	-.03682	-.00627	-.00678	.03905	.00488	.05409
9.950	6.147	25.80180	4.66161	.66122	-.00985	-.03472	-.00692	-.01044	.06014	.00472	.05533
9.950	8.200	25.81610	4.66161	.65776	-.00966	-.03730	-.01171	-.01401	.06137	.00489	.05639
9.950	10.218	25.83290	4.66161	.65413	-.00951	-.03345	-.01433	-.01735	.06230	.00488	.05750
GRADIENT	-.00215	.00000	.00000	-.05162	.00008	-.00783	-.00149	-.00167	.00037	.00003	.00032

PARAMETRIC DATA

ALPHA = 25.000 ELEVTR = .000
 AIRLON = .000 BOFLA = -11.700
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 1302/ 0 RN/L = 1.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	-5.035	25.48190	1.88082	.63281	.00044	.03195	.00733	.00731	.03717	.00057	.05652
10.090	-2.934	25.45110	1.88082	.63137	.00048	.01646	.00418	.00433	.03669	.00064	.05600
10.090	.004	25.50610	1.88082	.63576	.00156	-.00286	-.00066	.00017	.06037	.00065	.05980
10.090	2.019	25.52560	1.88082	.63289	.00176	-.01661	-.00411	-.00297	.05995	.00075	.05920
10.090	4.070	25.47980	1.88082	.62966	.00193	-.03176	-.00698	-.00628	.05997	.00077	.05918
10.090	6.088	25.49640	1.88082	.63101	.00269	-.04740	-.00984	-.00931	.06048	.00046	.05993
10.090	8.107	25.49950	1.88082	.61888	.00416	-.05959	-.01372	-.01268	.05963	-.00064	.06023
10.090	10.118	25.50670	1.88082	.61607	.00532	-.07917	-.01578	-.01624	.06205	-.00045	.06242
GRADIENT	.00333	.00000	.00000	-.00027	.00020	-.00686	-.00161	-.00151	.00044	.00002	.00043

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TABULATED SOURCE DATA, AEDC VA474

(RTN017) (10 JAN 74)

AEDC VA474 (0477/78) (B26C97R7) (N116E26) (V0R3)

PARAMETRIC DATA

REFERENCE DATA

SREF = 07.1500 IN. WMRP = 12.6250 INCHES ALPHA = 30.000 ELEVTR = .000
 LREF = 7.1220 INCHES WMRP = .0000 INCHES AILROM = -11.700
 BREF = 14.0320 INCHES WMRP = -.3750 INCHES RUDDER = .000
 SCALE = .0150

RUN NO. 173/ 0 RN/L = 4.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	-3.068	31.01760	4.63634	.87849	-.01840	.03548	.00627	.01038	.03787	.00488	.03312
9.950	-3.033	31.02330	4.63634	.88009	-.01763	.01914	.00354	.00630	.05699	.00462	.03234
9.950	.023	31.03120	4.63634	.88086	-.01664	-.00342	-.00044	.00014	.05615	.00445	.03174
9.950	2.067	31.03480	4.63634	.88070	-.01688	-.02173	-.00304	-.00413	.05650	.00432	.03193
9.950	4.104	31.03780	4.63634	.87973	-.01731	-.03846	-.00557	-.00848	.05721	.00433	.03253
9.950	6.135	31.04020	4.63634	.87768	-.01793	-.05451	-.00885	-.01233	.05813	.00430	.03345
9.950	8.169	31.04340	4.63634	.87406	-.01836	-.07129	-.01201	-.01619	.05913	.00432	.03445
9.950	10.214	31.04860	4.63634	.86884	-.01828	-.08891	-.01538	-.02025	.06047	.00484	.03568
GRADIENT		.00204	.00000	-.00004	.00005	-.00806	-.00128	-.00207	.00003	-.00001	.00002

RUN NO. 1303/ 0 RN/L = 1.88 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	-3.041	30.82190	1.88426	.84917	-.00557	.03229	.00685	.00968	.05950	.00010	.05938
10.090	-2.998	30.82380	1.88426	.85248	-.00557	.01756	.00394	.00576	.05882	.00007	.05873
10.090	-.023	30.82630	1.88426	.85597	-.00603	-.00291	-.00035	-.00008	.05830	.00016	.05811
10.090	1.997	30.82860	1.88426	.85519	-.00550	-.01670	-.00361	-.00383	.05882	.00025	.05852
10.090	4.061	30.83080	1.88426	.85256	-.00499	-.03188	-.00580	-.00776	.05945	.00026	.05912
10.090	6.081	30.83250	1.88426	.84967	-.00478	-.04739	-.00934	-.01186	.06029	.00024	.05994
10.090	8.109	30.83490	1.88426	.84336	-.00391	-.06361	-.01264	-.01537	.06133	.00013	.06103
10.090	10.122	30.83590	1.88426	.83774	-.00407	-.08034	-.01591	-.01937	.06220	-.00018	.06224
GRADIENT		.00100	.00000	.00008	.00009	-.00698	-.00152	-.00191	.00009	.00003	.00006

(RTN018) (10 JAN 74)

REFERENCE DATA

XREF = 37.1500 50-IN. XREF = 12.6250 INCHES
 LREF = 7.1220 INCHES YREF = .0000 INCHES
 BREF = 14.0520 INCHES ZREF = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 35.000 ELEVTR = .000
 ALLROW = .000 BOFLAP = -11.700
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 174/ 0 RN/L = 4.86 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	-5.082	36.23130	4.65819	1.10245	-.03052	-.03346	.00692	.01152	.05797	.00454	.05328
5.950	-5.035	36.24430	4.65819	1.10394	-.03014	-.01807	.00360	.00730	.05742	.00462	.05275
5.950	.006	36.23545	4.65819	1.10455	-.02899	-.00350	-.00048	.00079	.05688	.00427	.05270
5.950	2.028	36.27240	4.65819	1.11360	-.03240	-.01889	-.00272	-.00455	.05351	.00420	.04944
5.950	4.062	36.25400	4.65819	1.10984	-.03206	-.03441	-.00630	-.00875	.05414	.00409	.05006
5.950	6.088	36.26850	4.65819	1.10765	-.03177	-.05511	-.00961	-.01321	.05536	.00419	.05100
5.950	8.490	36.49640	4.65819	1.11192	-.03205	-.06971	-.01348	-.01864	.05635	.00401	.05199
5.950	10.237	36.29790	4.65819	1.09808	-.03123	-.08480	-.01642	-.02243	.05719	.00409	.05282
	GRADIENT	.00269	.00000	.00113	-.00036	-.00738	-.00136	-.00228	-.00056	-.00007	-.00047

RUN NO. 1304/ 0 RN/L = 1.89 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	-5.061	35.76090	1.88809	1.58227	-.01785	-.03182	.00684	.01092	.06062	-.00003	.06082
10.090	-5.029	35.74480	1.88809	1.58540	-.01813	-.01723	.00387	.00619	.06070	.00024	.06045
10.090	.004	35.79870	1.88809	1.10136	-.02085	-.00232	-.00071	.00047	.06255	.00002	.06249
10.090	2.020	35.75340	1.88809	1.58622	-.02007	-.01495	-.00400	-.00387	.05616	.00012	.05558
10.090	4.041	35.75430	1.88809	1.58453	-.01895	-.02961	-.00668	-.00837	.05683	.00003	.05670
10.090	6.036	35.75730	1.88809	1.58089	-.01953	-.04538	-.00959	-.01317	.05778	.00006	.05783
10.090	8.083	35.75590	1.88809	1.07564	-.01916	-.06167	-.01282	-.01774	.05878	.00007	.05882
10.090	10.089	35.75240	1.88809	1.56450	-.01845	-.07694	-.01613	-.02179	.05979	.00006	.05983
	GRADIENT	.00000	.00000	.00001	-.00011	-.00658	-.00151	-.00216	-.00073	-.00002	-.00071

AEDC VA474 (QA77/78) (B26C9F7M7) (W16E26) (V0R5)

(RTN019) (10 JAN 74)

REFERENCE DATA

3REF =	07.1900 INCHES	YMRP =	12.6850 INCHES
LEEF =	7.1220 INCHES	YMRP =	.0000 INCHES
BAEF =	14.0320 INCHES	ZMRP =	-3.3750 INCHES
SCALE =	.0130		

BETA	=	5.000	ELEVTR	=	.000
AIRLOW	=	.000	BDFLAP	=	-11.700
SPDBRK	=	55.000	RUDDER	=	.000

PARAMETRIC DATA

SUM NO. 100/ 0 RN/L = 4.67 GRADIENT INTERVAL. = 14.00/ 25.00

MACM	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	16.438	5.12151	4.66508	-32225	-0.07056	-0.05186	-0.00432	-0.06655	0.59994	-0.00490	0.5201
5.950	20.516	5.18206	4.66508	-48085	-0.0751	-0.04968	-0.05631	-0.09266	0.59266	0.00486	0.3434
5.950	23.798	5.14919	4.66508	-66452	-0.0944	-0.04644	-0.0777	-0.0872	0.5918	0.00464	0.3441
5.950	31.037	5.14955	4.66508	-88771	-0.1731	-0.04706	-0.0734	-0.1034	0.5696	0.00444	0.3240
5.950	36.227	5.09864	4.66508	1.11665	-0.3159	-0.04197	-0.06859	-0.1100	0.5364	0.00398	0.0965
5.950	41.483	5.08106	4.66508	1.34847	-0.64938	-0.03951	-0.00857	-0.1195	0.4974	0.00330	0.04658
5.950	48.590	5.06197	4.66508	1.52749	-0.66610	-0.03692	-0.00921	-0.1234	0.4561	0.00284	0.04303
5.950						0.0654	-0.00049	-0.00919	-0.00017	-0.00001	-0.00016

RUN NO. 1315/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
MACH	10.090	5.08604	1.88418	.43804	.00207	-.03864	-.00883	-.00595	.05763	.00667	.05688
10.090	20.351	5.08604	1.88418	.43804	.00207	-.03864	-.00883	-.00595	.05763	.00667	.05688
10.090	25.490	5.08533	1.88518	.63733	.00066	-.03900	-.00873	-.00795	.05860	.00049	.05804
10.090	30.634	5.08418	1.88518	.86388	-.00682	-.03842	-.00787	-.00980	.05833	.00017	.05808
10.090	35.750	5.03639	1.88518	1.06801	-.02120	-.03572	-.00796	-.01084	.05557	.00016	.05563
10.090	40.855	5.02624	1.88518	1.32597	-.03943	-.03373	-.00882	-.01120	.05363	.00030	.05462
10.090	45.950	5.02000	1.88518	1.58990	-.06000	-.03000	-.00900	-.00900	.05000	.00000	.05000

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TABULATED SOURCE DATA, AEDC VA474

(RTN020) (10 JAN 74)

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8R5)

PARAMETRIC DATA

REFERENCE DATA

SREF = 87.1560 58.1N. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0920 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = .000
 AILRON = .000 BDFLAP = -11.700
 SPDGRK = 55.000 RUDDER = .000

RUN NO. 1150/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	-2.714	.00137	3.50916	-.09420	-.02749	-.00235	.00062	-.00011	.08520	-.00209	.3306
8.000	-2.000	.00144	3.50916	-.00389	-.02743	-.00240	.00059	-.00011	.08266	-.00209	.08053
8.000	.000	.00045	3.50916	-.03372	-.02386	-.00204	.00061	-.00018	.07643	-.00209	.07430
8.000	2.000	.00065	3.50916	-.02358	-.02225	-.00231	.00055	-.00019	.07226	-.00209	.07013
8.000	4.000	.00154	3.50916	.00832	-.01864	-.00131	.00024	-.00012	.06821	-.00209	.06608
8.000	6.000	.00100	3.50916	.04296	-.01324	-.00157	.00027	-.00014	.06446	-.00209	.06233
8.000	8.000	.00114	3.50916	.08134	-.01207	-.00159	.00019	-.00011	.06146	-.00209	.05933
8.000	10.000	.00123	3.50916	.12360	-.00925	-.00156	.00010	-.00006	.05960	-.00209	.05747
8.000	12.000	.00180	3.50916	.17143	-.00761	-.00157	-.00004	-.00002	.05793	-.00209	.05579
8.000	14.000	.00183	3.50916	.22509	-.00650	-.00146	-.00009	.00005	.05624	-.00209	.05478
8.000	16.000	.00049	3.50916	.28325	-.00557	-.00141	-.00013	.00005	.05609	-.00209	.05411
8.000	18.000	.00163	3.50916	.34523	-.00411	-.00152	-.00010	.00010	.05620	-.00209	.05407
8.000	20.000	-.00004	3.50916	.41030	-.00327	-.00144	-.00011	.00012	.05621	-.00209	.05408
8.000	22.000	-.00055	3.50316	.47853	-.00317	-.00167	-.00020	.00016	.05689	-.00209	.05476
8.000	24.000	-.00028	3.50916	.55071	-.00317	-.00150	-.00025	.00021	.05700	-.00209	.05486
8.000	26.000	-.00061	3.50916	.62713	-.00460	-.00150	-.00025	.00019	.05716	-.00209	.05502
8.000	27.284	-.00238	3.50916	.68204	-.00540	-.00106	-.00010	.00010	.05716	-.00209	.05502
GRADIENT		-.00002	.00000	.01324	.00134	.00013	-.00005	-.00001	-.00252	.00000	-.00252

(RTN021) (10 JAN 74)

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8R5)

PARAMETRIC DATA

BETA = 5.000 ELEVTR = .000
 AILRON = .000 BDFLAP = -11.700
 SPDGRK = 55.000 RUDDER = .000

REFERENCE DATA

SREF = 87.1560 58.1N. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0920 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

RUN NO. 1160/ 0 RN/L = 3.51 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	-2.135	5.04645	3.50656	-.08525	-.02565	-.06586	.00032	-.00169	.08524	-.00208	.08313
8.000	-.111	5.04674	3.50656	-.05574	-.02395	-.06183	-.00083	-.00208	.07908	-.00203	.07703
8.000	12.046	.00017	3.50656	.00018	-.00006	-.00019	.00001	.00000	.00017	.00353	-.00336
8.000	14.201	5.02333	3.50656	.24772	-.00349	-.04495	-.00498	-.00578	.05559	.00238	.05319
8.000	15.246	5.04260	3.50656	.27890	-.00304	-.04390	-.00337	-.00591	.05512	.00239	.05272
8.000	19.322	5.03561	3.50656	.40932	-.00235	-.04009	-.00684	-.00644	.05470	.00239	.05229
8.000	20.398	5.05100	3.50656	.45146	-.00223	-.03917	-.00729	-.00663	.05451	.00240	.05209
GRADIENT		.00014	-.00000	.01459	.00084	.00199	-.00037	-.00019	-.00304	-.00002	-.00301

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TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(0A77/76) (B26C9F7N7) (W118E20) (V0R3)

(RTN022) (10 JAN 74)

REFERENCE DATA

BREF = 07.1360 IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 BDFLAP = -11.700
SPDRK = 55.000 RUDDER = .000

RUN NO. 1290/ 0 RN/L = 1.09 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.000	15.632	.00119	1.89057	.27333	-.00221	-.00045	-.00020	.00010	.05834	.00093	.05739
10.000	17.000	.00124	1.89057	.31323	-.00035	-.00092	-.00016	.00017	.05837	.00093	.05742
10.000	19.000	.00122	1.89057	.38102	.00135	-.00087	-.00016	.00023	.05881	.00093	.05786
10.000	21.000	.00245	1.89057	.44983	.00231	-.00125	-.00039	.00025	.05919	.00093	.05825
10.000	23.000	.00216	1.89057	.52453	.00260	-.00132	-.00033	.00025	.05972	.00093	.05878
10.000	25.000	.00245	1.89057	.60336	.00210	-.00113	-.00042	.00031	.06021	.00093	.05926
10.000	27.000	.00434	1.89057	.68368	.00031	-.00183	-.00079	.00032	.06070	.00093	.05976
10.000	29.000	.00177	1.89057	.76909	-.00243	-.00169	-.00021	.00042	.06113	.00093	.06019
10.000	31.000	.00129	1.89057	.86564	-.00589	-.00154	-.00012	.00045	.06184	.00093	.06089
10.000	33.000	.00137	1.89057	.95212	-.01061	-.00116	-.00020	.00051	.06213	.00093	.06118
10.000	35.000	.00272	1.89057	1.04501	-.01618	-.00156	-.00050	.00051	.06226	.00093	.06131
10.000	37.000	.00309	1.89057	1.13776	-.02379	-.00184	-.00058	.00060	.06169	.00093	.06074
10.000	39.000	.00299	1.89057	1.23532	-.03030	-.00197	-.00056	.00050	.06161	.00093	.06066
10.000	41.000	.00370	1.89057	1.33188	-.03832	-.00209	-.00076	.00063	.06111	.00093	.06017
10.000	43.000	.00336	1.89057	1.42996	-.04641	-.00182	-.00073	.00071	.06067	.00093	.05972
10.000	44.824	.00389	1.89057	1.51957	-.05333	-.00224	-.00086	.00079	.05985	.00093	.05890
GRADIENT		.00016	.00000	.00516	.00047	-.00007	-.00003	.00001	.00021	.00000	.00021

(RTM23) (10 JAN 74)

AEDC VA474 (0477/78) (B2C9F7M7) (W116E28) (V0R3)

REFERENCE DATA

REF = 87.1500 IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 BOFLAP = -11.700
SPDBRK = 55.000 RUDDER = .000

RUN NO. 700/ D RN/L = 3.47 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	15.703	.00261	3.47402	.28949	-.00401	-.00189	-.00012	-.00009	.03547	.00214	.05329
0.000	17.000	.00400	3.47402	.30385	-.00359	-.00262	-.00023	-.00013	.05531	.00214	.05313
0.000	19.000	.00458	3.47402	.36708	-.00265	-.00242	-.00027	-.00014	.05551	.00214	.05333
0.000	21.000	.00453	3.47402	.43535	-.00192	-.00210	-.00038	-.00009	.05575	.00214	.05337
0.000	23.000	.00527	3.47402	.50741	-.00198	-.00238	-.00046	-.00008	.05647	.00214	.05429
0.000	25.000	.00539	3.47402	.58331	-.00279	-.00245	-.00048	-.00006	.05703	.00214	.05484
0.000	27.000	.00548	3.47402	.66339	-.00432	-.00278	-.00046	-.00011	.05740	.00214	.05522
0.000	29.000	.00275	3.47402	.74681	-.00675	-.00179	-.00019	-.00020	.05776	.00214	.05558
0.000	31.000	.00460	3.47402	.83208	-.01007	-.00231	-.00039	-.00019	.05821	.00214	.05603
0.000	33.000	.00485	3.47402	.91990	-.01419	-.00266	-.00043	-.00018	.05831	.00214	.05613
0.000	35.000	.00521	3.47402	1.00944	-.01919	-.00294	-.00047	-.00018	.05810	.00214	.05592
0.000	37.000	.00356	3.47402	1.09934	-.02529	-.00207	-.00033	-.00014	.05755	.00214	.05537
0.000	39.000	.00462	3.47402	1.18968	-.03175	-.00231	-.00049	-.00007	.05699	.00214	.05480
0.000	41.000	.00511	3.47402	1.27936	-.03838	-.00209	-.00063	-.00001	.05609	.00214	.05391
0.000	43.000	.00522	3.47402	1.36759	-.04549	-.00206	-.00068	.00006	.05502	.00214	.05283
0.000	45.000	.00489	3.47402	1.45431	-.05274	-.00170	-.00069	.00013	.05367	.00214	.05149
0.000	46.212	.00545	3.47402	1.51069	-.05695	-.00230	-.00074	.00017	.05275	.00214	.05057
GRADIENT		.00027	-.00000	.03410	.00017	-.00002	-.00004	.00001	.00018	-.00000	.00018

AEDC VA474 (0477/78) (826C97M7) (M116E26) (V085)

(RTMO24) (10 JAN 74)

REFERENCE DATA

SREF = 87.1500 INCHES XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.5520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 9.000
 ALLRON = .000 BDFLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 250/ 0 RN/L = 4.67 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.930	15.781	.00175	4.66515	.30584	-.01629	-.00194	.00003	.00018	.06532	.50490	.05584
9.920	17.000	.00316	4.66515	.34079	-.01728	-.00257	-.00007	.00019	.06540	.00490	.05551
9.910	19.000	.00449	4.66515	.40979	-.01845	-.00307	-.00017	.00028	.06547	.00490	.05559
9.900	21.000	.00441	4.66515	.48048	-.01921	-.00256	-.00023	.00038	.06575	.00490	.05587
9.930	23.000	.00347	4.66515	.55582	-.02049	-.00286	-.00034	.00048	.06146	.00490	.05658
9.950	25.000	.00642	4.66515	.63398	-.02267	-.00309	-.00044	.00061	.06193	.00490	.05703
9.920	27.000	.00593	4.66515	.71528	-.02344	-.00344	-.00035	.00072	.06226	.00490	.05737
9.930	29.000	.00559	4.66515	.79978	-.02393	-.00329	-.00034	.00081	.06262	.00490	.05774
9.930	31.000	.00604	4.66515	.88585	-.02437	-.00290	-.00046	.00094	.06307	.00490	.05819
9.930	33.000	.00550	4.66515	.97498	-.02411	-.00288	-.00041	.00094	.06360	.00490	.05872
9.930	35.000	.00620	4.66515	1.06584	-.02470	-.00322	-.00048	.00099	.06391	.00490	.05903
9.930	37.000	.00579	4.66515	1.15720	-.02388	-.00294	-.00048	.00105	.06388	.00490	.05900
9.930	39.000	.00508	4.66515	1.24723	-.02104	-.00316	-.00037	.00096	.06348	.00490	.05859
9.930	41.000	.00560	4.66515	1.33714	-.02666	-.00373	-.00040	.00095	.06287	.00490	.05799
9.930	43.000	.00619	4.66515	1.42632	-.02780	-.00384	-.00053	.00106	.06225	.00490	.05737
9.930	45.000	.00673	4.66515	1.51532	-.02809	-.00343	-.00068	.00118	.06107	.00490	.05619
9.930	45.931	.00718	4.66515	1.55646	-.02894	-.00363	-.00075	.00125	.06052	.00490	.05564
GRADIENT		.00045	.00000	.03573	-.00064	-.00009	-.00005	.00005	.00016	.00000	.00016

RUN NO. 920/ 0 RN/L = 3.52 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.753	-.00041	3.52000	.27748	-.01156	-.00202	-.00023	.00015	.05640	.00221	.05416
8.000	17.000	.00036	3.52000	.31438	-.01168	-.00244	-.00024	.00014	.05598	.00221	.05374
8.000	19.000	.00073	3.52000	.37889	-.01222	-.00213	-.00027	.00018	.05691	.00221	.05467
8.000	21.000	.00253	3.52000	.44876	-.01261	-.00220	-.00044	.00026	.05759	.00221	.05535
8.000	23.000	.00260	3.52000	.52227	-.01401	-.00179	-.00044	.00034	.05843	.00221	.05618
8.000	25.000	.00303	3.52000	.59985	-.01619	-.00210	-.00051	.00041	.05946	.00221	.05722
8.000	27.000	.00430	3.52000	.68155	-.01938	-.00222	-.00051	.00045	.06026	.00221	.05802
8.000	29.000	.00404	3.52000	.76672	-.02314	-.00246	-.00037	.00042	.06094	.00221	.05870
8.000	31.000	.00537	3.52000	.83379	-.02787	-.00281	-.00047	.00045	.06200	.00221	.05975
8.000	33.000	.00556	3.52000	.94310	-.03319	-.00248	-.00047	.00054	.06282	.00221	.06038
8.000	35.000	.00577	3.52000	1.03399	-.03377	-.00244	-.00045	.00057	.06307	.00221	.06083
8.000	37.000	.00652	3.52000	1.12539	-.04664	-.00253	-.00049	.00061	.06311	.00221	.06087
8.000	39.000	.00707	3.52000	1.21669	-.05417	-.00234	-.00054	.00063	.06316	.00221	.06082
8.000	41.000	.00781	3.52000	1.30705	-.06184	-.00199	-.00065	.00079	.06284	.00221	.06060
8.000	43.000	.00852	3.52000	1.39694	-.06370	-.00213	-.00069	.00083	.06220	.00221	.05995
8.000	45.000	.00911	3.52000	1.48502	-.07730	-.00205	-.00075	.00091	.06154	.00221	.05931
8.000	45.931	.00973	3.52000	1.51752	-.08009	-.00182	-.00069	.00093	.06103	.00221	.05867
GRADIENT		.00045	.00000	.03468	-.00047	.00002	-.00003	.00003	.00016	-.00000	.00016

(RTM024) (10 JAN 74)

AEDC VA474 (0A77/76) (026C9F7M7) (W116E26) (V0R5)

REFERENCE DATA

SREF = 87.1980 IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0155

PARAMETRIC DATA

BETA = .000 ELEVTR = 5.000
 AIRLON = .000 BDFLAP = -11.700
 SFCBRK = 55.000 RUDDER = .000

RUN NO. 1470/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.050	15.701	.00214	1.89138	.27767	-.00911	-.00112	-.00032	.00031	.05720	.00059	.05651
10.090	17.000	.00138	1.89138	.31372	-.00875	-.00098	-.00018	.00033	.05709	.00059	.05640
10.090	19.000	.00234	1.89138	.38294	-.00821	-.00118	-.00041	.00038	.05813	.00059	.05744
10.090	21.000	.00342	1.89138	.45114	-.00815	-.00160	-.00056	.00048	.05833	.00059	.05764
10.090	23.000	.00504	1.89138	.52316	-.00899	-.00234	-.00085	.00055	.05882	.00059	.05815
10.090	25.000	.00195	1.89138	.60162	-.01145	-.00106	-.00032	.00062	.06019	.00059	.05950
10.090	27.000	.00276	1.89138	.68104	-.01477	-.00135	-.00048	.00066	.06137	.00059	.06068
10.090	29.000	.00177	1.89138	.76489	-.01885	-.00122	-.00027	.00068	.06195	.00059	.06126
10.090	31.000	.00169	1.89138	.85392	-.02300	-.00140	-.00024	.00081	.06312	.00059	.06243
10.090	33.000	.00263	1.89138	.94385	-.02887	-.00171	-.00048	.00086	.06397	.00059	.06327
10.090	35.000	.00368	1.89138	1.03432	-.03520	-.00207	-.00068	.00094	.06439	.00059	.06370
10.090	37.000	.00337	1.89138	1.12683	-.04217	-.00167	-.00067	.00105	.06493	.00059	.06424
10.090	39.000	.00410	1.89138	1.21961	-.04993	-.00233	-.00081	.00105	.06449	.00059	.06379
10.090	41.000	.00402	1.89138	1.31314	-.05820	-.00224	-.00083	.00116	.06496	.00059	.06427
10.090	43.000	.00448	1.89138	1.40942	-.06611	-.00252	-.00096	.00118	.06488	.00059	.06419
10.090	44.934	.00411	1.89138	1.49945	-.07408	-.00211	-.00095	.00125	.06469	.00059	.06420
GRADIENT		.00017	.00000	.03490	-.00019	-.00006	-.00003	.00003	.00131	.00000	.00000

DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/70) (B26C977M7) (W10E26) (V0R5)

(RTM023) (10 JAN 74)

REFERENCE DATA

REF = 07.1540 30-IN. ZMRP = 12.6250 INCHES
 REF = 7.1220 INCHES YMRP = .0000 INCHES
 REF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = 10.000
 AIRLON = .000 BDFLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 260/ 0 RN/L = 4.66 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.041	.00102	4.66375	.32611	-.02999	-.00238	.00010	-.00025	.06465	.00489	.05977
5.950	17.000	.00105	4.66375	.36243	-.03191	-.00246	.00008	-.00024	.06494	.00489	.06007
5.950	19.000	.00236	4.66375	.43159	-.03487	-.00262	.00003	-.00021	.06579	.00489	.06092
5.950	21.000	.00337	4.66375	.50306	-.03736	-.00279	-.00010	-.00016	.06657	.00489	.06169
5.950	23.000	.00362	4.66375	.56149	-.04037	-.00272	-.00012	-.00010	.06809	.00489	.06321
5.950	25.000	.00465	4.66375	.66204	-.04426	-.00315	-.00021	.00000	.06934	.00489	.06446
5.950	27.000	.00391	4.66375	.74370	-.04888	-.00315	-.00012	.00009	.07048	.00489	.06560
5.950	29.000	.00394	4.66375	.83175	-.05450	-.00356	-.00008	.00010	.07175	.00489	.06687
5.950	31.000	.00444	4.66375	.92566	-.06108	-.00345	-.00018	.00017	.07315	.00489	.06820
5.950	33.000	.00364	4.66375	1.01540	-.06828	-.00351	-.00007	.00011	.07449	.00489	.06961
5.950	35.000	.00350	4.66375	1.10302	-.07632	-.00354	-.00006	.00016	.07581	.00489	.07094
5.950	37.000	.00319	4.66375	1.19594	-.08460	-.00340	-.00003	.00026	.07659	.00489	.07171
5.950	39.000	.00266	4.66375	1.28683	-.09285	-.00354	.00001	.00020	.07757	.00489	.07219
5.950	41.000	.00282	4.66375	1.37661	-.10118	-.00394	.00005	.00013	.07779	.00489	.07192
5.950	43.000	.00309	4.66375	1.46769	-.11067	-.00429	.00004	.00014	.07742	.00489	.07254
5.950	45.000	.00329	4.66375	1.55769	-.11950	-.00440	.00000	.00019	.07637	.00489	.07150
5.950	45.764	.00334	4.66375	1.59408	-.12429	-.00450	-.00004	.00019	.07645	.00489	.07158
GRADIENT		.00033	-.00000	.03671	-.00151	-.00007	-.00003	.00003	.00052	-.00000	.00052

RUN NO. 1000/ 0 RN/L = 3.49 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
6.000	15.677	.00110	3.46905	.29163	-.02410	-.00162	.00005	-.00014	.06000	.00210	.05780
6.000	17.000	.00110	3.46905	.33344	-.02375	-.00181	.00007	-.00020	.06045	.00210	.05825
6.000	19.000	.00180	3.46905	.40132	-.02784	-.00202	.00000	-.00023	.06149	.00210	.05929
6.000	21.000	.00222	3.46905	.47368	-.03218	-.00177	-.00009	-.00022	.06303	.00210	.06003
6.000	23.000	.00316	3.46905	.54962	-.03348	-.00233	-.00016	-.00021	.06471	.00210	.06251
6.000	25.000	.00320	3.46905	.62993	-.03745	-.00219	-.00021	-.00024	.06647	.00210	.06427
6.000	27.000	.00153	3.46905	.71414	-.04251	-.00127	-.00007	-.00024	.06891	.00210	.06589
6.000	29.000	.00293	3.46905	.80070	-.04793	-.00229	-.00016	-.00033	.06991	.00210	.06771
6.000	31.000	.00298	3.46905	.88995	-.05234	-.00256	-.00014	-.00035	.07185	.00210	.06965
6.000	33.000	.00263	3.46905	.98127	-.06137	-.00285	-.00008	-.00037	.07362	.00210	.07142
6.000	35.000	.00276	3.46905	1.07376	-.06930	-.00285	-.00009	-.00039	.07479	.00210	.07259
6.000	37.000	.00303	3.46905	1.16674	-.07763	-.00283	-.00015	-.00034	.07569	.00210	.07349
6.000	39.000	.00355	3.46905	1.25979	-.08611	-.00296	-.00023	-.00033	.07643	.00210	.07423
6.000	41.000	.00394	3.46905	1.35128	-.09450	-.00291	-.00032	-.00031	.07685	.00210	.07481
6.000	43.000	.00434	3.46905	1.44164	-.10261	-.00313	-.00039	-.00030	.07751	.00210	.07481
6.000	45.000	.00431	3.46905	1.53775	-.11249	-.00312	-.00041	-.00029	.07715	.00210	.07435
6.000	45.804	.00447	3.46905	1.57547	-.11602	-.00341	-.00042	-.00026	.07685	.00210	.07445
GRADIENT		.00026	-.00000	.03613	-.00139	-.00006	-.00003	.00001	.00071	-.00000	.00071

DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

(RTN025) (10 JAN 74)

AEDC VA474 (0477/70) (026077/70) (010620) (V025)

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
 AIRLON = .000 BDFLAP = -11.700
 SPCBRK = 55.000 RUOCER = .000

REFERENCE DATA

REF = 07.1500 20.1M. ZMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

RUN NO. 1970/ 0 RM/L = 1.90 GRADIENT INTERVAL = 14.00/ 25.00

MACN	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.080	15.564	.00191	1.89947	.30237	-.02081	-.00128	-.00025	-.00008	-.06301	.00120	-.06282
10.080	17.000	.00072	1.89947	.34773	-.02168	-.00093	-.00004	-.00013	.06414	.00120	-.06295
10.080	19.000	.00148	1.89947	.42154	-.02256	-.00122	-.00018	-.00003	.06512	.00120	-.06393
10.080	21.000	.00120	1.89947	.45626	-.02331	-.00133	-.00010	-.00016	.06632	.00120	-.06573
10.080	23.000	.00222	1.89947	.57832	-.02496	-.00133	-.00031	-.00018	.06880	.00120	-.06761
10.080	25.000	.00164	1.89947	.66324	-.03339	-.00142	-.00020	.00012	.07031	.00120	-.06932
10.080	27.000	.00154	1.89947	.75046	-.03826	-.00137	-.00019	.00013	.07229	.00120	-.07110
10.080	29.000	.00134	1.89947	.84289	-.04526	-.00180	-.00010	.00009	.07410	.00120	-.07291
10.080	31.000	.00208	1.89947	.94144	-.05115	-.00226	-.00023	-.00006	.07631	.00120	-.07513
10.080	33.000	.00207	1.89947	1.04316	-.05951	-.00220	-.00024	.00018	.07838	.00120	-.07739
10.080	35.000	.00097	1.89947	1.14528	-.07156	-.00210	-.00001	.00000	.08001	.00120	-.07882
10.080	37.000	.00150	1.89947	1.23930	-.08419	-.00196	-.00015	.00037	.08107	.00120	-.07989
10.080	39.000	.00207	1.89947	1.33337	-.09159	-.00221	-.00028	.00045	.08280	.00120	-.08182
10.080	41.000	.00136	1.89947	1.44270	-.10457	-.00203	-.00013	.00066	.08363	.00120	-.08244
10.080	43.000	.00192	1.89947	1.54347	-.11318	-.00300	-.00018	-.00054	.08478	.00120	-.08360
10.080	45.000	.00101	1.89947	1.64563	-.12421	-.00142	-.00012	-.00112	.08513	.00120	-.08395
10.080	GRADIENT	.00065	.00000	.03833	-.00131	-.00004	-.00001	.00003	.00074	-.00000	.00074

AEDC VA474(0477/78) (B26C9F7M7)(W110E20)(V085)

(RTM026) (10 JAN 74)

REFERENCE DATA

BREF = 87.1500 50.1M. ZWMP = 12.6836 INCHES
LREF = 7.1220 INCHES YWMP = .0000 INCHES
BREF = 14.0320 INCHES ZWMP = -.3730 INCHES
SCALE = .0150

BETA = .000 ELEVTR = 15.000
AILROM = .000 BDFLAP = -11.700
SPCBRA = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 300/ 0 RM/L = 4.71 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
0.050	15.823	.00387	4.70748	.34724	-.04774	-.00316	-.00008	.00005	.07291	.00492	.06761
0.050	17.000	.00256	4.70748	.36372	-.05093	-.00296	.00000	.00009	.07346	.00492	.06833
0.050	19.000	.00334	4.70748	.45762	-.05970	-.00301	-.00006	.00017	.07315	.00492	.07024
0.050	21.000	.00471	4.70748	.53290	-.06031	-.00277	-.00024	.00026	.07744	.00492	.07233
0.050	23.000	.00476	4.70748	.61228	-.06523	-.00268	-.00027	.00035	.06006	.00492	.07315
0.050	25.000	.00587	4.70748	.69499	-.07082	-.00314	-.00036	.00043	.06242	.00492	.07393
0.050	27.000	.00536	4.70748	.77969	-.07713	-.00317	-.00031	.00056	.06472	.00492	.07501
0.050	29.000	.00495	4.70748	.86746	-.08406	-.00334	-.00024	.00059	.06697	.00492	.08206
0.050	31.000	.00589	4.70748	.95723	-.09169	-.00332	-.00039	.00070	.06936	.00492	.08445
0.050	33.000	.00512	4.70748	1.04894	-.10031	-.00349	-.00028	.00067	.09169	.00492	.08699
0.050	35.000	.00491	4.70748	1.14229	-.10924	-.00344	-.00027	.00071	.09397	.00492	.08907
0.050	37.000	.00491	4.70748	1.23644	-.11850	-.00331	-.00030	.00079	.09373	.00492	.09083
0.050	39.000	.00544	4.70748	1.32856	-.12751	-.00362	-.00034	.00073	.09656	.00492	.09165
0.050	41.000	.00577	4.70748	1.41959	-.13714	-.00419	-.00037	.00073	.09827	.00492	.09336
0.050	43.000	.00512	4.70748	1.51013	-.14788	-.00439	-.00027	.00076	.09868	.00492	.09377
0.050	45.000	.00526	4.70748	1.60153	-.15811	-.00444	-.00031	.00077	.09868	.00492	.09378
0.050	46.114	.00536	4.70748	1.65353	-.16595	-.00459	-.00033	.00083	.09922	.00492	.09432
GRADIENT		.00028	.00000	.03792	-.00247	-.00050	-.00004	.00054	.00199	-.00000	.00109

RUN NO. 940/ 0 RM/L = 3.51 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	15.822	.00270	3.50915	.31479	-.04207	-.00165	-.00016	-.00013	.08718	.00221	.06493
0.000	17.000	.00363	3.50915	.35660	-.04506	-.00247	-.00019	-.00016	.08800	.00221	.06576
0.000	19.000	.00337	3.50915	.42873	-.04950	-.00202	-.00024	-.00013	.07065	.00221	.06841
0.000	21.000	.00486	3.50915	.50348	-.05403	-.00248	-.00039	-.00009	.07345	.00221	.07121
0.000	23.000	.00473	3.50915	.58241	-.05944	-.00219	-.00040	-.00001	.07617	.00221	.07393
0.000	25.000	.00493	3.50915	.66499	-.06552	-.00230	-.00043	-.00001	.07924	.00221	.07700
0.000	27.000	.00514	3.50915	.75131	-.07227	-.00281	-.00041	-.00007	.08210	.00221	.07986
0.000	29.000	.00410	3.50915	.84058	-.07973	-.00294	-.00023	-.00016	.08527	.00221	.08303
0.000	31.000	.00396	3.50915	.93167	-.08771	-.00284	-.00026	-.00013	.08872	.00221	.08648
0.000	33.000	.00314	3.50915	1.02428	-.09600	-.00272	-.00015	-.00012	.09158	.00221	.08934
0.000	35.000	.00326	3.50915	1.11806	-.10466	-.00286	-.00017	-.00009	.09360	.00220	.09137
0.000	37.000	.00324	3.50915	1.21167	-.11393	-.00286	-.00018	-.00004	.09560	.00221	.09337
0.000	39.000	.00363	3.50915	1.30446	-.12313	-.00283	-.00027	-.00001	.09749	.00220	.09526
0.000	41.000	.00362	3.50915	1.39672	-.13258	-.00284	-.00034	.00004	.09863	.00220	.09639
0.000	43.000	.00413	3.50915	1.49157	-.14181	-.00292	-.00038	.00006	.09958	.00220	.09733
0.000	45.000	.00397	3.50915	1.57776	-.15174	-.00305	-.00036	.00011	.10024	.00220	.09800
0.000	45.778	.00409	3.50915	1.61625	-.15556	-.00320	-.00037	.00007	.10030	.00220	.09807
GRADIENT		.00023	.00000	.03740	-.00247	-.00004	-.00003	.00002	.00132	-.00000	.00131

AEDC VA474 (0477/78) (026C9F7M7) (M116E26) (V0R3)

(10 JAN 74)

REFERENCE DATA

REF = 07.1000 SQ. IN. WAMP = 12.0290 INCHES
 LREF = 7.1000 INCHES WAMP = .0000 INCHES
 REF = 14.0320 INCHES WAMP = -.3730 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 15.000
 ALLROM = .000 SDPLAP = -11.700
 SPDRK = 55.000 RUDDER = .000

RUN NO. 1690/ 0 RM/L = 1.09 GRADIENT INTERVAL = 14.00/ 25.05

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.080	15.700	.00001	1.08715	.31156	-.03888	-.00094	-.00006	.00011	.06823	.00111	.06313
10.080	17.000	.00191	1.08715	.32414	-.03923	-.00136	-.00022	.00009	.06747	.00111	.06835
10.080	19.000	.00155	1.08715	.42306	-.04326	-.00139	-.00017	.00014	.07037	.00111	.06925
10.080	21.000	.00160	1.08715	.45734	-.04769	-.00144	-.00022	.00025	.07269	.00111	.07137
10.080	23.000	.00156	1.08715	.57622	-.05310	-.00133	-.00019	.00032	.07596	.00110	.07486
10.080	25.000	.00230	1.08715	.65886	-.05834	-.00135	-.00034	.00033	.07896	.00111	.07785
10.080	27.000	.00126	1.08715	.74336	-.06444	-.00164	-.00009	.00027	.08161	.00111	.08049
10.080	29.000	.00115	1.08715	.83169	-.07137	-.00171	-.00006	.00035	.08482	.00111	.08370
10.080	31.000	.00233	1.08715	.92607	-.07927	-.00193	-.00033	.00036	.08823	.00111	.08711
10.080	33.000	.00260	1.08715	1.02105	-.08776	-.00219	-.00040	.00040	.09117	.00111	.09005
10.080	35.000	.00291	1.08715	1.11692	-.09669	-.00244	-.00041	.00040	.09414	.00111	.09302
10.080	37.000	.00297	1.08715	1.21260	-.10614	-.00213	-.00051	.00048	.09659	.00111	.09538
10.080	39.000	.00329	1.08715	1.30768	-.11609	-.00239	-.00059	.00056	.09870	.00111	.09758
10.080	41.000	.00250	1.08715	1.40543	-.12621	-.00163	-.00049	.00061	.10003	.00111	.09891
10.080	43.000	.00263	1.08715	1.50302	-.13624	-.00232	-.00046	.00068	.10216	.00111	.10104
10.080	45.000	.00424	1.08715	1.60067	-.14624	-.00379	-.00078	.00075	.10239	.00111	.10147
GRADIENT		.00510	.00000	.03726	-.00231	-.00003	-.00002	.00053	.00138	-.00000	.00138

DATE 20 AUG 76

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (04/77/76) (B26C9FTM7) (W102R6) (V083)

(RTM027) (10 JAN 76)

REFERENCE DATA

REF = 87.1900 30-IN, TEMP = 12.6250 INCHES
 LREF = 7.1220 INCHES, TEMP = .0000 INCHES
 BREF = 14.0520 INCHES, TEMP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTE = -40.000
 AIRLOW = .000 BOFLAP = .000
 SPORER = 35.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 110/ 0 RM/L = 4.63 GRADIENT INTERVAL = 14.00/ 25.50

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYM	CBL	CA	CAB	CAF
9.950	15.004	.00015	4.62772	.26836	.01206	-.00173	.00019	.00015	.06695	.00497	.06183
9.950	17.000	.00104	4.62772	.30137	.01263	-.00254	.00009	.00016	.06582	.00497	.06083
9.950	19.000	.00249	4.62772	.36447	.01426	-.00259	.00001	.00015	.06462	.00497	.05982
9.950	21.000	.00369	4.62772	.43121	.01671	-.00281	-.00012	.00014	.06421	.00497	.05921
9.950	23.000	.00510	4.62772	.50071	.01904	-.00295	-.00008	.00024	.06419	.00497	.05920
9.950	25.000	.00640	4.62772	.57330	.02098	-.00282	-.00017	.00030	.06389	.00497	.05890
9.950	27.000	.00773	4.62772	.64876	.02243	-.00320	-.00009	.00039	.06379	.00497	.05880
9.950	29.000	.00937	4.62772	.72670	.02339	-.00280	-.00016	.00032	.06360	.00497	.05867
9.950	31.000	.00959	4.62772	.80596	.02351	-.00290	-.00027	.00039	.06413	.00497	.05914
9.950	33.000	.00995	4.62772	.88774	.02323	-.00285	-.00020	.00035	.06426	.00497	.05927
9.950	35.000	.00665	4.62772	.97091	.02259	-.00287	-.00031	.00043	.06394	.00497	.05895
9.950	37.000	.00604	4.62772	1.05411	.02113	-.00332	-.00047	.00051	.06326	.00497	.05827
9.950	39.000	.00537	4.62772	1.13709	.01937	-.00323	-.00041	.00043	.06229	.00497	.05729
9.950	41.000	.00496	4.62772	1.21983	.01760	-.00344	-.00034	.00041	.06098	.00497	.05598
9.950	43.000	.00484	4.62772	1.30077	.01549	-.00342	-.00035	.00049	.05986	.00497	.05489
9.950	45.000	.00450	4.62772	1.37972	.01340	-.00350	-.00056	.00056	.05838	.00497	.05339
9.950	46.346	.00313	4.62772	1.43391	.01173	-.00311	-.00046	.00063	.05758	.00497	.05239
GRADIENT		.00736	.00000	.03349	.00102	-.00004	-.00004	.00002	-.00030	-.00000	-.00030

RUN NO. 900/ 0 RM/L = 3.54 GRADIENT INTERVAL = 14.00/ 25.50

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYM	CBL	CA	CAB	CAF
9.000	15.706	.00183	3.54316	.24337	.01131	-.00206	.00000	.00022	.06012	.00159	.05847
9.000	17.000	.00242	3.54316	.27939	.01230	-.00242	-.00004	.00022	.05960	.00159	.05795
9.000	19.000	.00300	3.54316	.34017	.01301	-.00258	-.00010	.00023	.05928	.00159	.05763
9.000	21.000	.00392	3.54316	.40493	.01382	-.00255	-.00024	.00021	.05961	.00159	.05786
9.000	23.000	.00440	3.54316	.47329	.02020	-.00255	-.00031	.00025	.06002	.00159	.05837
9.000	25.000	.00465	3.54316	.54896	.02210	-.00219	-.00040	.00025	.06043	.00159	.05878
9.000	27.000	.00482	3.54316	.61994	.02362	-.00250	-.00053	.00025	.06089	.00159	.05924
9.000	29.000	.00433	3.54316	.69771	.02483	-.00232	-.00029	.00025	.06171	.00159	.06006
9.000	31.000	.00395	3.54316	.77793	.02512	-.00290	-.00024	.00022	.06305	.00159	.06141
9.000	33.000	.00426	3.54316	.85967	.02335	-.00318	-.00026	.00023	.06350	.00159	.06115
9.000	35.000	.00355	3.54316	.94232	.02486	-.00275	-.00023	.00026	.06355	.00159	.06190
9.000	37.000	.00416	3.54316	1.02510	.02393	-.00300	-.00031	.00023	.06330	.00159	.06165
9.000	39.000	.00462	3.54316	1.10660	.02240	-.00302	-.00040	.00021	.06295	.00159	.06125
9.000	41.000	.00425	3.54316	1.19334	.02049	-.00293	-.00046	.00021	.06202	.00159	.06037
9.000	43.000	.00463	3.54316	1.27273	.01832	-.00286	-.00048	.00021	.06108	.00159	.05943
9.000	45.000	.00450	3.54316	1.35271	.01647	-.00258	-.00051	.00026	.06003	.00159	.05838
9.000	46.309	.00446	3.54316	1.41102	.01337	-.00222	-.00037	.00012	.05904	.00159	.05740
GRADIENT		.00031	.00000	.03246	.00123	-.00001	-.00004	.00002	-.00003	-.00000	.00003

AEDC VA474 (0A77/78) (826C9F7M7) (W116E26) (V0R5)

(RTN027) (10 JAN 74)

REFERENCE DATA

XREF = 97.1560 50-IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0130

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 AILRON = .000 BDFLAP = .000
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 1350/ 0 RM/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.724	.00144	1.89060	.24921	.01058	-.00051	-.00025	.00023	.05933	.00101	.05831
10.090	17.000	.00075	1.89060	.28451	.01293	-.00034	-.00012	.00024	.05898	.00101	.05796
10.090	19.000	.00037	1.89060	.34606	.01654	-.00020	-.00006	.00028	.05951	.00101	.05650
10.090	21.000	.00169	1.89060	.40862	.01949	-.00032	-.00034	.00037	.05968	.00101	.05666
10.090	23.000	.00200	1.89060	.47793	.02236	-.00049	-.00039	.00038	.05999	.00101	.05696
10.090	25.000	.00194	1.89060	.54837	.02514	-.00100	-.00032	.00036	.06040	.00101	.05938
10.090	27.000	.00078	1.89060	.62234	.02601	-.00059	-.00011	.00041	.06149	.00101	.06048
10.090	29.000	.00069	1.89060	.69959	.02771	-.00008	-.00016	.00044	.06211	.00101	.06109
10.090	31.000	.00162	1.89060	.78007	.02847	-.00090	-.00028	.00047	.06254	.00101	.06152
10.090	33.000	.00193	1.89060	.86244	.02810	-.00093	-.00036	.00055	.06345	.00101	.06243
10.090	35.000	.00206	1.89060	.94489	.02756	-.00106	-.00039	.00059	.06385	.00101	.06283
10.090	37.000	.00129	1.89060	1.02864	.02628	-.00073	-.00025	.00063	.06374	.00101	.06272
10.090	39.000	.00186	1.89060	1.11345	.02471	-.00126	-.00034	.00060	.06380	.00101	.06279
10.090	41.000	.00293	1.89060	1.19945	.02300	-.00147	-.00063	.00062	.06320	.00101	.06218
10.090	43.000	.00330	1.89060	1.28683	.02122	-.00178	-.00072	.00065	.06281	.00101	.06180
10.090	45.000	.00289	1.89060	1.37240	.01937	-.00150	-.00067	.00065	.06278	.00101	.06177
GRADIENT		.00012	.00000	.03221	.00156	-.00005	-.00002	.00002	.00013	-.00000	.00013

AEDC VA474 (0417/70) (026C9F7M7) (W110E20) (V0R3)

(RTN020) (10 JAN 74)

REFERENCE DATA

REF = 07.1500 50-IN. XMRP = 12.0250 INCHES
LREF = 7.1520 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
AILRON = .000 BDFLAP = .000
SPDRK = \$.0000 RUDDER = .000

RUN NO. 70/ 0 RN/L = 1.87 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.650	.00026	1.86970	.26555	.00963	-.00215	.00018	.00006	.06675	.00430	.06245
5.950	17.000	.00064	1.86970	.30604	.01010	-.00229	.00009	.00006	.06546	.00430	.06116
5.950	19.000	.00122	1.86970	.36925	.01196	-.00274	-.00004	.00009	.06583	.00430	.06153
5.950	21.000	.00118	1.86970	.43646	.01452	-.00239	-.00007	.00016	.06506	.00430	.06078
5.950	23.000	.00149	1.86970	.50628	.01697	-.00238	-.00017	.00020	.06471	.00430	.06041
5.950	25.000	.00176	1.86970	.57885	.01853	-.00235	-.00027	.00025	.06472	.00430	.06042
5.950	27.000	.00184	1.86970	.65401	.02055	-.00273	-.00026	.00024	.06448	.00430	.06016
5.950	29.000	.00183	1.86970	.72983	.02170	-.00311	-.00022	.00024	.06450	.00430	.06020
5.950	31.000	.00157	1.86970	.80884	.02224	-.00310	-.00015	.00023	.06467	.00430	.06037
5.950	33.000	.00134	1.86970	.89061	.02243	-.00303	-.00009	.00022	.06502	.00430	.06072
5.950	35.000	.00188	1.86970	.97277	.02230	-.00340	-.00024	.00026	.06480	.00430	.06050
5.950	37.000	.00197	1.86970	1.05592	.02093	-.00337	-.00029	.00032	.06401	.00430	.05971
5.950	39.000	.00217	1.86970	1.13900	.01953	-.00332	-.00040	.00037	.06323	.00430	.05893
5.950	41.000	.00212	1.86970	1.22138	.01785	-.00324	-.00041	.00039	.06218	.00430	.05788
5.950	43.000	.00246	1.86970	1.30334	.01617	-.00375	-.00051	.00040	.06118	.00430	.05688
5.950	45.000	.00246	1.86970	1.38281	.01388	-.00409	-.00050	.00041	.05973	.00430	.05543
5.950	45.392	.00167	1.86970	1.40037	.01456	-.00282	-.00034	.00042	.06003	.00430	.05573
GRADIENT		.00015	.00000	.03352	.00102	-.00001	-.00005	.00002	-.00019	.00000	-.00019

RUN NO. 720/ 0 RN/L = 1.87 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
7.980	15.557	.00609	1.86655	.24030	.00957	-.002:	-.00031	.00008	.06115	.00110	.05999
7.980	17.000	.00489	1.86655	.28047	.01131	-.00013	-.00019	.00003	.06038	.00110	.05922
7.980	19.000	.00451	1.86655	.34120	.01397	-.00137	-.00023	.00003	.06055	.00109	.05939
7.980	21.000	.00421	1.86655	.40582	.01631	-.00102	-.00010	.00010	.06095	.00110	.05978
7.980	23.000	.00444	1.86655	.47467	.01951	-.00137	-.00049	.00012	.06099	.00110	.05982
7.980	25.100	.00412	1.86655	.54583	.02138	-.00152	-.00057	.00012	.06137	.00110	.06021
7.980	27.000	.00335	1.86655	.62023	.02337	-.00149	-.00052	.00009	.06174	.00110	.06037
7.980	29.000	.00257	1.86655	.69639	.02459	-.00174	-.00043	.00001	.06283	.00110	.06147
7.980	31.000	.00246	1.86655	.77528	.02569	-.00242	-.00049	.00001	.06338	.00110	.06222
7.980	33.000	.00167	1.86655	.85602	.02615	-.00225	-.00045	.00000	.06392	.00110	.06276
7.980	35.000	.00387	1.86655	.93858	.02520	-.00170	-.00038	-.00003	.06455	.00110	.06339
7.980	37.000	.00034	1.86655	1.02189	.02381	-.00194	-.00043	-.00011	.06520	.00110	.06454
7.980	39.000	-.00029	1.86655	1.10413	.02273	-.00175	-.00044	-.00006	.06485	.00110	.06348
7.980	41.000	-.00049	1.86655	1.19541	.02153	-.00188	-.00056	.00016	.06338	.00110	.06221
7.980	43.000	-.00081	1.86655	1.26506	.01993	-.00183	-.00066	.00026	.06241	.00110	.06124
7.980	45.000	-.00109	1.86655	1.34332	.01823	-.00213	-.00074	.00024	.06138	.00110	.06022
7.980	45.545	-.00136	1.86655	1.36882	.01836	-.00184	-.00067	.00027	.06107	.00110	.05991
GRADIENT		-.00017	.00000	.03241	.00128	.00004	-.00004	.00001	.00005	.00000	.00005

AEDC VA474(0A77/76) (026C9F7N7) (N116EE6) (V0R51)

(RTN026) (10 JAN 74)

REFERENCE DATA

REF = 07.1500 80.1M. XMRP = 12.6850 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
REF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
AILRON = .000 BDFLAP = .000
SPDRK = 55.000 RUDDER = .000

RUN NO. 1350/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.724	.00144	1.89060	.24921	.01058	-.00031	-.00025	.00023	.05933	.00101	.05131
10.090	17.000	.00075	1.89060	.28451	.01293	-.00034	-.00012	.00024	.05898	.00101	.05796
10.090	19.000	.00037	1.89060	.34606	.01654	-.00020	-.00006	.00028	.05951	.00101	.05850
10.090	21.000	.00169	1.89060	.40862	.01949	-.00032	-.00034	.00037	.05966	.00101	.05866
10.090	23.000	.00200	1.89060	.47703	.02236	-.00049	-.00039	.00038	.05999	.00101	.05898
10.090	25.000	.00194	1.89060	.54807	.02514	-.00100	-.00032	.00036	.06040	.00101	.05938
10.090	27.000	.00078	1.89060	.62234	.02601	-.00039	-.00011	.00041	.06149	.00101	.06048
10.090	29.000	.00069	1.89060	.69959	.02771	-.00008	-.00016	.00044	.06211	.00101	.06109
10.090	31.000	.00162	1.89060	.78007	.02847	-.00030	-.00028	.00047	.06234	.00101	.06132
10.090	33.000	.00190	1.89060	.86244	.02810	-.00093	-.00036	.00055	.06345	.00101	.06243
10.090	35.000	.00206	1.89060	.94489	.02756	-.00106	-.00039	.00059	.06385	.00101	.06283
10.090	37.000	.00129	1.89060	1.02864	.02628	-.00073	-.00025	.00063	.06374	.00101	.06272
10.090	39.000	.00186	1.89060	1.11345	.02471	-.00126	-.00034	.00066	.06380	.00101	.06279
10.090	41.000	.00293	1.89060	1.19945	.02300	-.00147	-.00063	.00062	.06320	.00101	.06218
10.090	43.000	.00330	1.89060	1.28683	.02122	-.00178	-.00072	.00065	.06281	.00101	.06180
10.090	45.000	.00289	1.89060	1.37240	.01937	-.00150	-.00067	.00065	.06278	.00101	.06177
GRADIENT		.00012	.00000	.33221	.00156	-.00005	-.00002	.00002	.00013	-.00000	.00013

AEDC VA474 (0477/78) (826C9F7M7) (N116E26) (V083)

(RTN029) (10 JAN 74)

REFERENCE DATA

BREF = 07.1500 SQ. IN. XMRP = 12.0250 INCHES
LREF = 7.1520 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

BETA = .000 ELEVTR = -40.000
AILROM = .000 BDFLAP = .000
SPDRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 580/ 0 RN/L = .95 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.910	15.664	.00041	.94951	.26475	.00885	-.00098	-.00013	.00005	.06603	.00382	.06243
9.910	17.000	.00047	.94951	.30127	.00904	-.00116	-.00014	.00002	.06585	.00362	.06223
9.910	19.000	.00061	.94951	.36442	.01112	-.00129	-.00022	.00002	.06515	.00362	.06133
9.910	21.000	.00098	.94951	.43101	.01281	-.00156	-.00041	.00009	.06529	.00362	.06187
9.910	23.000	.00125	.94951	.50007	.01456	-.00160	-.00059	.00021	.06509	.00362	.06147
9.910	25.000	.00144	.94951	.57289	.01658	-.00220	-.00064	.00023	.06477	.00362	.06119
9.910	27.000	.00139	.94951	.64678	.01795	-.00232	-.00061	.00022	.06537	.00362	.06176
9.910	29.000	.00108	.94951	.72209	.01934	-.00203	-.00046	.00019	.06591	.00362	.06230
9.910	31.000	.00109	.94951	.80069	.01958	-.00235	-.00044	.00018	.06566	.00362	.06204
9.910	33.000	.00125	.94951	.88044	.01954	-.00281	-.00051	.00016	.06643	.00362	.06281
9.910	35.000	.00126	.94951	.98096	.01942	-.00272	-.00056	.00021	.06626	.00362	.06264
9.910	37.000	.00137	.94951	1.04321	.01864	-.00258	-.00067	.00030	.06581	.00362	.06220
9.910	39.000	.00123	.94951	1.12461	.01741	-.00185	-.00068	.00039	.06496	.00362	.06134
9.910	41.000	.00129	.94951	1.20524	.01596	-.00225	-.00070	.00039	.06403	.00362	.06043
9.910	43.000	.00120	.94951	1.28474	.01436	-.00234	-.00065	.00036	.06255	.00362	.05893
9.910	44.650	.00128	.94951	1.36216	.01346	-.00238	-.00074	.00042	.06157	.00362	.05795
GRADIENT		.00012	.00000	.03311	.00086	-.00012	-.00006	.00002	-.00013	.00000	-.00013

RUN NO. 1730/ 0 RN/L = .84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.930	15.664	.00054	.83936	.24198	.01124	-.00033	-.00024	.00018	.06223	.00101	.06119
9.930	17.000	.00039	.83936	.27886	.01325	.00001	-.00021	.00019	.06224	.00101	.06120
9.930	19.000	.00024	.83936	.34014	.01701	.00022	-.00016	.00020	.06248	.00101	.06144
9.930	21.000	.00083	.83936	.40149	.02001	-.00026	-.00031	.00021	.06241	.00101	.06137
9.930	23.000	.00071	.83936	.46819	.02285	-.00046	-.00033	.00022	.06325	.00101	.06221
9.930	25.000	.00067	.83936	.53930	.02557	-.00047	-.00031	.00026	.06335	.00101	.06231
9.930	27.000	.00111	.83936	.61134	.02788	-.00095	-.00051	.00027	.06383	.00101	.06279
9.930	29.000	.00101	.83936	.68671	.02943	-.00069	-.00050	.00031	.06518	.00101	.06414
9.930	31.000	.00070	.83936	.76825	.03067	-.00068	-.00033	.00034	.06570	.00101	.06465
9.930	33.000	.00074	.83936	.84718	.03038	-.00035	-.00044	.00038	.06736	.00101	.06663
9.930	35.000	.00107	.83936	.92913	.03038	-.00069	-.00057	.00045	.06620	.00101	.06515
9.930	37.000	.00091	.83936	1.00873	.02945	-.00067	-.00049	.00049	.06610	.00101	.06506
9.930	39.000	.00085	.83936	1.09179	.02902	-.00073	-.00046	.00052	.06436	.00101	.06332
9.930	41.000	.00097	.83936	1.17384	.02702	-.00117	-.00050	.00053	.06514	.00101	.06410
9.930	43.000	.00085	.83936	1.25934	.02550	-.00083	-.00049	.00056	.06528	.00101	.06424
9.930	44.657	.00105	.83936	1.32365	.02397	-.00084	-.00064	.00067	.06629	.00101	.06523
GRADIENT		.00003	-.00000	.03185	.00155	-.00004	-.00001	.00001	.00013	-.00000	.00013

AEDC YA474 (0477/78) (B26C9F7M7) (W16E26) (V0R5)

(RTN030) (10 JAN 74)

REFERENCE DATA

REF : 07.1500 30-IN. XMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 RREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -.5.000
 AILROM = .000 BOFLAP = .000
 SPOERK = 55.000 RUDDER = .000

RUN NO. 140/ 0 RN/L = 4.69 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CA	CAB	CAF
9.950	15.873	.00162	4.68767	.29397	-.00462	-.00172	.00002	.05858	.00494	.05365
9.950	17.000	.00119	4.68767	.32686	-.00446	-.00144	.00003	.05794	.00494	.05300
9.950	18.000	.00205	4.68767	.39123	-.00377	-.00177	-.00003	.05748	.00494	.05254
9.950	21.000	.00354	4.68767	.45946	-.00286	-.00198	-.00019	.05754	.00494	.05261
9.950	23.000	.00406	4.68767	.53160	-.00252	-.00224	-.00024	.05766	.00494	.05272
9.950	25.000	.00463	4.68767	.60729	-.00289	-.00222	-.00032	.05744	.00494	.05250
9.950	27.000	.00356	4.68767	.68603	-.00424	-.00204	-.00021	.05712	.00494	.05219
9.950	29.000	.00432	4.68767	.76790	-.00654	-.00278	-.00023	.05691	.00494	.05197
9.950	31.000	.00508	4.68767	.85267	-.00984	-.00358	-.00037	.05676	.00494	.05183
9.950	33.000	.00483	4.68767	.93926	-.01450	-.00281	-.00032	.05645	.00494	.05152
9.950	35.000	.00511	4.68767	1.02785	-.01908	-.00274	-.00038	.05579	.00494	.05086
9.950	37.000	.00645	4.68767	1.11732	-.02491	-.00333	-.00032	.05466	.00494	.04972
9.950	39.000	.00540	4.68767	1.20631	-.03111	-.00300	-.00043	.05318	.00494	.04825
9.950	41.000	.00502	4.68767	1.29432	-.03780	-.00304	-.00039	.05252	.00494	.04679
9.950	43.000	.00577	4.68767	1.38228	-.04489	-.00360	-.00047	.05007	.00494	.04513
9.950	45.000	.00558	4.68767	1.46892	-.05222	-.00344	-.00049	.04812	.00494	.04318
9.950	46.116	.00595	4.68767	1.51827	-.05612	-.00361	-.00055	.04685	.00494	.04191
GRADIENT		.00039	-.00000	.03434	.00023	-.00008	-.00004	-.00009	-.00000	-.00009

RUN NO. 880/ 0 RN/L = 3.51 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CA	CAB	CAF
8.000	15.737	.00301	3.50516	.26316	-.00138	-.00221	-.00014	.05475	.00237	.05236
8.000	17.000	.00326	3.50516	.29906	-.00048	-.00244	-.00015	.05420	.00237	.05181
8.000	18.000	.00354	3.50516	.36123	.00080	-.00228	-.00021	.05446	.00237	.05207
8.000	21.000	.00488	3.50516	.42811	.00191	-.00251	-.00030	.05495	.00237	.05256
8.000	23.000	.00491	3.50516	.49930	.00239	-.00232	-.00041	.05520	.00237	.05281
8.000	25.000	.00396	3.50516	.57402	.00216	-.00188	-.00034	.05547	.00237	.05308
8.000	27.000	.00520	3.50516	.65304	.00096	-.00271	-.00043	.05566	.00237	.05327
8.000	29.000	.00479	3.50516	.73521	-.00112	-.00308	-.00034	.05595	.00237	.05356
8.000	31.000	.00408	3.50516	.82028	-.00411	-.00238	-.00033	.05623	.00237	.05384
8.000	33.000	.00405	3.50516	.90701	-.00781	-.00243	-.00033	.05604	.00237	.05365
8.000	35.000	.00432	3.50516	.99377	-.01258	-.00280	-.00038	.05536	.00237	.05297
8.000	37.000	.00433	3.50516	1.08475	-.01815	-.00259	-.00039	.05455	.00237	.05216
8.000	39.000	.00480	3.50516	1.17445	-.02433	-.00250	-.00050	.05373	.00237	.05134
8.000	41.000	.00492	3.50516	1.26345	-.03104	-.00207	-.00060	.05241	.00237	.05002
8.000	43.000	.00514	3.50516	1.35183	-.03803	-.00215	-.00066	.05100	.00237	.04861
8.000	45.000	.00531	3.50516	1.43892	-.04538	-.00230	-.00070	.04933	.00237	.04694
8.000	46.032	.00501	3.50516	1.48716	-.04902	-.00237	-.00065	.04847	.00237	.04608
GRADIENT		.00016	.00000	.03357	.00041	.00003	-.00003	.00011	-.00000	.00011

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(0477/78) (826C9F7M7) (W18E26) (V8R5)

(RTN030) (10 JAN 74)

REFERENCE DATA

BREF = 07.1500 IN. YMRP = 12.6250 INCHES
 LBREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0550 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -5.000
 AILROM = .000 BOFLAP = .000
 SPDWRK = 35.000 RUDDER = .000

RUN NO. 1420/ 0 RN/L = 1.90 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.740	.00055	1.89823	.26205	.00018	.00025	-.00015	.00015	.05960	.00102	.05458
10.090	17.000	.00166	1.89823	.29651	.00151	-.00026	-.00033	.00017	.05534	.00102	.05431
10.090	19.000	.00148	1.89823	.38122	.00439	-.00031	-.00029	.00022	.05988	.00102	.05485
10.090	21.000	.00274	1.89823	.42622	.00593	-.00034	-.00054	.00029	.05600	.00102	.05497
10.090	23.000	.00348	1.89823	.49687	.00673	-.00059	-.00071	.00032	.05599	.00102	.05497
10.090	25.000	.00140	1.89823	.57092	.00655	-.00024	-.00029	.00036	.05649	.00102	.05547
10.090	27.000	-.00156	1.89823	.64866	.00501	.00021	-.00034	.00035	.05707	.00102	.05605
10.090	29.000	.00287	1.89823	.73004	.00334	-.00128	-.00031	.00037	.05726	.00102	.05624
10.090	31.000	.00001	1.89823	.81595	.00075	-.00058	-.00067	.00037	.05742	.00102	.05640
10.090	33.000	.00198	1.89823	.90383	-.00327	-.00097	-.00037	.00042	.05764	.00102	.05661
10.090	35.000	.00208	1.89823	.99171	-.00795	-.00109	-.00039	.00046	.05706	.00102	.05604
10.090	37.000	.00288	1.89823	1.08143	-.01407	-.00163	-.00035	.00043	.05638	.00102	.05555
10.090	39.000	.00302	1.89823	1.17333	-.02021	-.00149	-.00062	.00047	.05578	.00102	.05476
10.090	41.000	.00326	1.89823	1.26595	-.02711	-.00188	-.00066	.00043	.05501	.00102	.05399
10.090	43.000	.00347	1.89823	1.36025	-.03440	-.00196	-.00074	.00048	.05429	.00102	.05327
10.090	45.000	.00364	1.89823	1.45517	-.04151	-.00207	-.00081	.00049	.05285	.00102	.05183
GRADIENT		.00016	.00000	.03341	.00073	-.00005	-.00003	.00002	.00010	.00000	.00010

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0A77/70) (B26C9F7M7) (W10E26) (V0R3)

(RTM031) (10 JAN 74)

REFERENCE DATA

BREF = 87.1960 80-IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.9520 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILROM = .000 DOFLAP = .000
SPDRBK = 55.000 RUDDER = .000

RUN NO. 190/ 0 RN/L = 4.66 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.793	.00209	4.66124	.30161	-.01103	-.00244	.00003	.00003	.03911	.00492	.03421
5.950	17.000	.00306	4.66124	.33741	-.01150	-.00271	-.00004	.00004	.05049	.00492	.05356
5.950	19.000	.00369	4.66124	.40347	-.01186	-.00283	-.00011	.00009	.05617	.00492	.05326
5.950	21.000	.00422	4.66124	.47329	-.01227	-.00273	-.00019	.00017	.05634	.00492	.05343
5.950	23.000	.00484	4.66124	.54727	-.01308	-.00275	-.00027	.00025	.05869	.00492	.05379
5.950	25.000	.00561	4.66124	.62466	-.01485	-.00287	-.00036	.00034	.05857	.00492	.05366
5.950	27.000	.00460	4.66124	.70551	-.01739	-.00307	-.00022	.00036	.05859	.00492	.05368
5.950	29.000	.00528	4.66124	.78893	-.02119	-.00331	-.00029	.00046	.05841	.00492	.05351
5.950	31.000	.00561	4.66124	.87448	-.02580	-.00293	-.00040	.00059	.05850	.00492	.05359
5.950	33.000	.00485	4.66124	.96377	-.03169	-.00291	-.00031	.00054	.05873	.00492	.05382
5.950	35.000	.00333	4.66124	1.05429	-.03429	-.00290	-.00040	.00063	.05777	.00492	.05333
5.950	37.000	.00550	4.66124	1.14610	-.04543	-.00285	-.00045	.00075	.05777	.00492	.05286
5.950	39.000	.00506	4.66124	1.23604	-.05281	-.00290	-.00040	.00068	.05688	.00492	.05198
5.950	41.000	.00484	4.66124	1.32544	-.06063	-.00314	-.00036	.00066	.05585	.00492	.05095
5.950	43.000	.00530	4.66124	1.41479	-.06881	-.00353	-.00040	.00068	.05478	.00492	.04988
5.950	45.000	.00561	4.66124	1.50246	-.07752	-.00334	-.00051	.00078	.05313	.00492	.04823
5.950	46.181	.00565	4.66124	1.55535	-.08241	-.00327	-.00054	.00084	.05284	.00492	.04793
GRADIENT		.00035	.00000	.03511	-.00037	-.00003	-.00004	.00003	-.00002	-.00000	-.00002

RUN NO. 750/ 0 RN/L = 3.50 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.722	.00357	3.49724	.27755	-.00512	-.00253	-.00017	-.00006	.05553	.00221	.05326
8.000	17.000	.00360	3.49724	.31391	-.00509	-.00258	-.00018	-.00011	.05543	.00221	.05316
8.000	19.000	.00362	3.49724	.37878	-.00452	-.00232	-.00021	-.00009	.05541	.00221	.05314
8.000	21.000	.00495	3.49724	.44760	-.00465	-.00251	-.00038	-.00004	.05578	.00221	.05352
8.000	23.000	.00531	3.49724	.52061	-.00552	-.00257	-.00044	-.00003	.05626	.00221	.05399
8.000	25.000	.00557	3.49724	.59769	-.00721	-.00263	-.00048	-.00002	.05666	.00221	.05439
8.000	27.000	.00413	3.49724	.67835	-.01004	-.00233	-.00032	-.00008	.05695	.00221	.05468
8.000	29.000	.00449	3.49724	.76231	-.01381	-.00313	-.00029	-.00015	.05731	.00221	.05505
8.000	31.000	.00445	3.49724	.84958	-.01827	-.00282	-.00033	-.00012	.05766	.00221	.05539
8.000	33.000	.00410	3.49724	.93695	-.02382	-.00221	-.00029	-.00013	.05790	.00221	.05563
8.000	35.000	.00374	3.49724	1.02742	-.03049	-.00246	-.00029	-.00015	.05764	.00221	.05537
8.000	37.000	.00400	3.49724	1.11860	-.03765	-.00219	-.00038	-.00002	.05731	.00221	.05504
8.000	39.000	.00411	3.49724	1.20920	-.04520	-.00205	-.00044	.00006	.05665	.00221	.05438
8.000	41.000	.00467	3.49724	1.30001	-.05295	-.00240	-.00051	.00009	.05560	.00221	.05333
8.000	43.000	.00496	3.49724	1.38909	-.06117	-.00248	-.00058	.00012	.05456	.00221	.05230
8.000	45.000	.00474	3.49724	1.47741	-.06943	-.00221	-.00060	.00019	.05326	.00221	.05099
8.000	46.154	.00482	3.49724	1.53070	-.07417	-.00219	-.00064	.00024	.05245	.00221	.05018
GRADIENT		.00025	.00000	.03456	-.00018	-.00001	-.00004	.00001	-.00013	-.00000	.00013

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

PAGE 43

AEDC VA474(0A77/78) (B26C9F7M7) (W118C28) (V0R3)

(RTN031) (10 JAN 74)

REFERENCE DATA

REF = 07.1560 94-IN. ZMRP = 12.6250 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AIRLON = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 1340/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYM	CBL	CA	CAB	CAF
10.090	15.320	.00160	1.89036	.26320	-.00381	-.00064	-.00027	.00006	.03638	.00105	.05930
10.090	17.000	.00125	1.89036	.30683	-.00291	-.00050	-.00021	.00007	.03605	.00105	.05497
10.090	19.000	.00096	1.89036	.37249	-.00137	-.00076	-.00012	.00015	.03653	.00105	.05347
10.090	21.000	.00180	1.89036	.43936	-.00065	-.00104	-.00027	.00022	.03661	.00105	.05553
10.090	23.000	.00246	1.89036	.51282	-.00098	-.00126	-.00040	.00028	.03678	.00105	.05570
10.090	25.000	.00168	1.89036	.58918	-.00290	-.00101	-.00026	.00027	.03734	.00105	.05626
10.090	27.000	.00362	1.89036	.65946	-.00342	-.00147	-.00066	.00031	.03786	.00105	.05678
10.090	29.000	.00077	1.89036	.73414	-.00089	-.00081	-.00008	.00026	.03843	.00105	.05735
10.090	31.000	.00204	1.89036	.84291	-.01326	-.00115	-.00035	.00030	.03861	.00105	.05754
10.090	33.000	.00229	1.89036	.93214	-.01865	-.00118	-.00042	.00031	.03882	.00105	.05774
10.090	35.000	.00279	1.89036	1.02344	-.02503	-.00131	-.00055	.00031	.03872	.00105	.05765
10.090	37.000	.00302	1.89036	1.11717	-.03229	-.00126	-.00063	.00043	.03862	.00105	.05754
10.090	39.000	.00324	1.89036	1.21074	-.03982	-.00144	-.00069	.00035	.03815	.00105	.05707
10.090	41.000	.00363	1.89036	1.30642	-.04843	-.00179	-.00078	.00032	.03751	.00105	.05644
10.090	43.000	.00376	1.89036	1.40206	-.05717	-.00237	-.00078	.00025	.03711	.00105	.05603
10.090	45.000	.00337	1.89036	1.49956	-.06558	-.003198	-.00075	.00040	.03665	.00105	.05557
GRADIENT		.00007	-.00000	.03425	.00016	-.00007	-.00001	.00003	.00011	.00000	.00011

AEDC VA474(0477/78) (826C8F7M7) (M116E2J) (V083)

(INTM32) (10 JAN 74)

REFERENCE DATA

BREF = 87.1560 50-IN. XMRP = 12.6250 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 ALPHA = .000 BOFLAP = .000
 SPDRK = 55.000 RUDDER = .000

RUN NO. 30/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
7.950	15.606	.00067	1.89268	.29910	-.01237	-.00191	.00003	-.00010	.06059	.00433	.05624
7.950	17.000	.00148	1.89268	.33915	-.01356	-.00278	-.00011	-.00009	.05985	.00433	.05550
7.950	19.000	.00263	1.89268	.40721	-.01257	-.00400	-.00031	-.00008	.05885	.00433	.05450
7.950	21.000	.00160	1.89268	.47665	-.01388	-.00227	-.00022	.00005	.06037	.00433	.05602
7.950	23.000	.00174	1.89268	.55015	-.01406	-.00222	-.00027	.00008	.06038	.00433	.05603
7.950	25.000	.00183	1.89268	.62824	-.01620	-.00265	-.00026	.00018	.06018	.00433	.05583
7.950	27.000	.00177	1.89268	.70841	-.01908	-.00274	-.00024	.00022	.05996	.00433	.05581
7.950	29.000	.00130	1.89268	.79029	-.02253	-.00288	-.00030	.00024	.05966	.00433	.05551
7.950	31.000	.00162	1.89268	.87697	-.02640	-.00303	-.00017	.00035	.05971	.00433	.05536
7.950	33.000	.00140	1.89268	.96504	-.03168	-.00275	-.00015	.00034	.05992	.00433	.05557
7.950	35.000	.00130	1.89268	1.05495	-.03782	-.00276	-.00012	.00037	.05960	.00433	.05525
7.950	37.000	.00161	1.89268	1.14561	-.04459	-.00311	-.00020	.00043	.05872	.00433	.05437
7.950	39.000	.00209	1.89268	1.23665	-.05213	-.00379	-.00031	.00049	.05805	.00433	.05370
7.950	41.000	.00138	1.89268	1.32734	-.05996	-.00273	-.00019	.00053	.05712	.00433	.05277
7.950	43.000	.00206	1.89268	1.41769	-.06826	-.00417	-.00030	.00057	.05589	.00433	.05154
7.950	45.000	.00223	1.89268	1.50734	-.07651	-.00405	-.00041	.00064	.05527	.00433	.05092
GRADIENT		.00008	.00000	.03534	-.00038	.00000	-.00003	.00003	.00002	.00000	.00002

RUN NO. 670/ 0 RN/L = 1.78 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
7.950	15.606	.00097	1.77951	.27471	-.00695	-.00046	-.00021	-.00008	.05654	.00192	.05453
7.950	17.000	.00160	1.77951	.31433	-.00754	-.00130	-.00028	-.00010	.05692	.00192	.05491
7.950	19.000	.00172	1.77951	.37880	-.00800	-.00124	-.00032	-.00011	.05602	.00192	.05482
7.950	21.000	.00251	1.77951	.44768	-.00578	-.00148	-.00052	-.00001	.05712	.00192	.05512
7.950	23.000	.00237	1.77951	.52013	-.00688	-.00121	-.00032	.00003	.05751	.00192	.05550
7.950	25.000	.00226	1.77951	.59636	-.00851	-.00113	-.00051	.00005	.05777	.00192	.05576
7.950	27.000	.00218	1.77951	.67611	-.01074	-.00140	-.00047	.00010	.05803	.00192	.05602
7.950	29.000	.00165	1.77951	.75984	-.01411	-.00114	-.00035	.00015	.05853	.00192	.05652
7.950	31.000	.00198	1.77951	.84369	-.01810	-.00155	-.00041	.00011	.05886	.00192	.05685
7.950	33.000	.00183	1.77951	.93125	-.02296	-.00135	-.00040	.00015	.05899	.00192	.05698
7.950	35.000	.00205	1.77951	1.02012	-.02880	-.00169	-.00045	.00008	.05883	.00192	.05682
7.950	37.000	.00235	1.77951	1.10935	-.03559	-.00163	-.00037	.00004	.05845	.00192	.05644
7.950	39.000	.00237	1.77951	1.19936	-.04292	-.00152	-.00061	.00012	.05764	.00192	.05563
7.950	41.000	.00234	1.77951	1.28821	-.05053	-.00168	-.00060	.00018	.05682	.00192	.05481
7.950	43.000	.00228	1.77951	1.37586	-.05824	-.00150	-.00082	.00018	.05582	.00192	.05381
7.950	45.000	.00177	1.77951	1.46329	-.06615	-.00069	-.00037	.00022	.05521	.00192	.05320
GRADIENT		.00014	.00000	.03432	-.00011	-.00005	-.00004	.00001	.00002	.00000	.00012

(RTN032) (10 JAN 74)

AEDC VA474 (047770) (026C9F7M7) (W110226) (V083)

REFERENCE DATA

REF = 07.1800 50.1M. XMAP = 12.8250 INCHES
 LREF = 7.1820 INCHES YMAP = .0000 INCHES
 BREF = 14.9320 INCHES ZMAP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 ALLKRM = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 1340/ 0 RN/L = 1.09 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.320	.00160	1.89036	.24520	-.00361	-.00064	-.00027	.00006	.05630	.00105	.05330
10.090	17.000	.00125	1.89036	.30683	-.00291	-.00030	-.00021	.00007	.05605	.00105	.05497
10.090	18.000	.00096	1.89036	.37249	-.00137	-.00076	-.00012	.00015	.05635	.00105	.05547
10.090	21.000	.00180	1.89036	.43936	-.00065	-.00104	-.00027	.00022	.05661	.00105	.05553
10.090	23.000	.00246	1.89036	.51282	-.00098	-.00126	-.00040	.00028	.05678	.00105	.05570
10.090	25.000	.00168	1.89036	.58918	-.00290	-.00101	-.00026	.00027	.05734	.00105	.05626
10.090	27.000	.00362	1.89036	.66946	-.00342	-.00147	-.00066	.00031	.05786	.00105	.05678
10.090	29.000	.00077	1.89036	.75414	-.00469	-.00081	-.00008	.00028	.05843	.00105	.05735
10.090	31.000	.00204	1.89036	.84291	-.01326	-.00115	-.00035	.00030	.05861	.00105	.05754
10.090	33.000	.00229	1.89036	.93214	-.01865	-.00116	-.00042	.00031	.05882	.00105	.05774
10.090	35.000	.00278	1.89036	1.02344	-.02503	-.00131	-.00055	.00031	.05872	.00105	.05763
10.090	37.000	.00302	1.89036	1.11717	-.03129	-.00126	-.00063	.00043	.05882	.00105	.05754
10.090	39.000	.00324	1.89036	1.21074	-.03982	-.00144	-.00069	.00035	.05815	.00105	.05707
10.090	41.000	.00363	1.89036	1.30642	-.04843	-.00179	-.00078	.00032	.05751	.00105	.05644
10.090	43.000	.00376	1.89036	1.40206	-.05717	-.00237	-.00078	.00025	.05711	.00105	.05603
10.090	45.000	.00337	1.89036	1.49956	-.06558	-.00198	-.00075	.00045	.05665	.00105	.05557
GRADIENT		.00007	-.00000	.03425	.00016	-.00007	-.00001	.00003	.00011	.00000	.00011

AEDC VA474(0477/78) (826097N7)(W110E28)(V083)

(RTM033) (10 JAN 74)

REFERENCE DATA

REF = 07.1560 80.1M. YMP = 12.8250 INCHES
 LREF = 7.1820 INCHES YMP = .0000 INCHES
 REF = 14.9320 INCHES YMP = -.3750 INCHES
 SCALE = .0150

BETA =
 AIRLOW =
 SPDRK =

.000 ELEVTR = .000
 .000 BOFLAP = .000
 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 820/ 0 RN/L = .95 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CV	CYN	CBL	CA	CAB	CAF
9.910	15.390	.00095	.93244	.29507	-.01323	-.00126	-.01340	-.00008	.06086	.00333	.03736
9.910	17.000	.00068	.93244	.33609	-.01435	-.00079	-.00030	-.00008	.06026	.00333	.03677
9.910	19.000	.00078	.93244	.40213	-.01456	-.00097	-.00035	-.00008	.06043	.00332	.03693
9.910	21.000	.00094	.93244	.47149	-.01566	-.00068	-.00048	-.00008	.06104	.00332	.03754
9.910	23.000	.00122	.93244	.54308	-.01688	-.00096	-.00083	-.00010	.06082	.00332	.03733
9.910	25.000	.00119	.93244	.62138	-.01879	-.00093	-.00082	.00021	.06111	.00332	.03762
9.910	27.000	.00117	.93244	.70172	-.02166	-.00143	-.00056	.00022	.06131	.00332	.03782
9.910	29.000	.00106	.93244	.78369	-.02503	-.00171	-.00047	.00017	.06123	.00332	.03774
9.910	31.000	.00123	.93244	.86767	-.02898	-.00217	-.00054	.00021	.06143	.00332	.03794
9.910	33.000	.00126	.93244	.95317	-.03436	-.00227	-.00057	.00028	.06186	.00332	.03836
9.910	35.000	.00112	.93244	1.04386	-.04039	-.00192	-.00053	.00022	.06193	.00332	.03844
9.910	37.000	.00122	.93244	1.13329	-.04713	-.00183	-.00063	.00030	.06143	.00332	.03794
9.910	39.000	.00132	.93244	1.22302	-.05454	-.00170	-.00075	.00038	.06026	.00332	.03677
9.910	41.000	.00131	.93244	1.31110	-.06178	-.00159	-.00078	.00043	.05944	.00332	.03593
9.910	43.000	.00125	.93244	1.40005	-.06967	-.00096	-.00069	.00044	.05659	.00332	.03310
9.910	44.891	.00064	.93244	1.48467	-.07667	-.00007	-.00049	.00046	.03793	.00332	.03354
GRADIENT		.00025	.05000	.03478	-.00035	.00002	-.00003	.00003	.00006	-.00000	.00006

RUN NO. 1780/ 0 RN/L = .84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CV	CYN	CBL	CA	CAB	CAF
9.930	15.669	.00032	.84127	.26342	-.00376	.00033	-.00021	.00017	.03956	.00017	.05938
9.930	17.000	.00070	.84127	.30262	-.00247	-.00050	-.00031	.00017	.03947	.00017	.05929
9.930	19.000	.00057	.84127	.36572	-.00149	-.00021	-.00028	.00023	.06031	.00017	.06014
9.930	21.000	.00063	.84127	.43113	-.00121	-.00039	-.00029	.00023	.06029	.00017	.06012
9.930	23.000	.00081	.84127	.50239	-.00103	-.00048	-.00038	.00031	.06078	.00017	.06061
9.930	25.000	.00094	.84127	.57693	-.00234	-.00082	-.00042	.00036	.06155	.00017	.06138
9.930	27.000	.00082	.84127	.65528	-.00389	-.00070	-.00038	.00041	.06097	.00017	.06079
9.930	29.000	.00068	.84127	.73551	-.00714	-.00070	-.00031	.00050	.06219	.00017	.06201
9.930	31.000	.00081	.84127	.82234	-.01115	-.00076	-.00038	.00055	.06291	.00017	.06273
9.930	33.000	.00077	.84127	.90997	-.01670	-.00080	.00036	.00062	.06349	.00017	.06332
9.930	35.000	.00068	.84127	.99818	-.02179	.00015	-.00007	.00067	.06312	.00017	.06294
9.930	37.000	.00103	.84127	1.08438	-.02903	-.00004	-.00061	.00079	.06322	.00017	.06304
9.930	39.000	.00024	.84127	1.17419	-.03513	-.00029	-.00012	.00088	.06355	.00017	.06317
9.930	41.000	.00084	.84127	1.26676	-.04296	-.00097	-.00054	.00088	.06137	.00017	.06140
9.930	43.000	.00107	.84127	1.35937	-.05073	-.00067	-.00065	.00101	.06146	.00017	.06128
9.930	44.819	.00159	.84127	1.44648	-.05767	-.00103	-.00090	.00107	.05892	.00017	.05784
GRADIENT		.00005	.00500	.03355	.00017	-.00009	-.00002	.00002	.00021	-.00000	.00021

AEDC VA47A(0477/70) (826C977W7) (UN10220) (V085)

(RTN034) (10 JAN 74)

REFERENCE DATA

REF = 07.1500 IN. ZIMP = 12.0250 INCHES
 LREF = 7.1220 INCHES YIMP = .0000 INCHES
 REF = 14.9920 INCHES ZIMP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILRON = .000 SDFLAP = .000
 SPODRK = 55.000 RUDDER = .000

RUN NO. 1080/ 0 RM/L = .49 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
7.000	15.000	.0030	.4837	.27025	-.01019	-.00074	-.00031	-.00006	.05990	.00130	.05040
7.000	17.000	.0032	.4837	.31330	-.01096	.00015	-.00036	-.00005	.06041	.00130	.05099
7.000	19.000	.0043	.4837	.35046	-.00974	-.00014	-.00044	-.00005	.06065	.00130	.05223
7.000	21.000	.0049	.4837	.44060	-.00956	-.00042	-.00048	-.00002	.06241	.00130	.06099
7.000	23.000	.0061	.4837	.51469	-.01096	-.00085	-.00056	-.00001	.06387	.00130	.06245
7.000	25.000	.0066	.4837	.59371	-.01107	-.00193	-.00072	.00000	.06419	.00129	.06277
7.000	27.000	.0050	.4837	.67142	-.01508	-.00053	-.00030	-.00003	.06631	.00129	.06490
7.000	29.000	.0066	.4837	.75514	-.01726	-.00130	-.00060	-.00005	.06614	.00129	.06473
7.000	31.000	.0079	.4837	.83068	-.02058	-.00192	-.00069	-.00003	.06690	.00129	.06548
7.000	33.000	.0075	.4837	.92649	-.02500	-.00170	-.00069	.00002	.06717	.00129	.06576
7.000	35.000	.0065	.4837	1.01290	-.03047	-.00216	-.00077	.00006	.06751	.00129	.06610
7.000	37.000	.0081	.4837	1.10164	-.03654	-.00205	-.00078	.00009	.06707	.00129	.06565
7.000	39.007	.0070	.4837	1.18015	-.04396	-.00185	-.00078	.00007	.06685	.00129	.06543
7.000	41.000	.0004	.4837	1.27533	-.05148	-.00242	-.00082	.00004	.06502	.00129	.06360
7.000	43.000	.0007	.4837	1.36109	-.05870	-.00271	-.00100	.00007	.06327	.00129	.06186
7.000	44.031	.0009	.4837	1.44415	-.06540	-.00301	-.00101	.00003	.06222	.00129	.06080
GRADIENT		.0004	-.00000	.03396	-.00006	-.00014	-.00003	.00001	.00050	-.00000	.00050

RUN NO. 1790/ 0 RM/L = .56 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.000	15.000	.0030	.56324	.27129	-.00542	-.00024	-.00032	.00014	.06246	.00009	.06230
9.000	17.000	.0045	.56324	.31308	-.00435	-.00006	-.00035	.00017	.06258	.00009	.06242
9.000	19.000	.0032	.56324	.37867	-.00399	-.00004	-.00041	.00023	.06474	.00009	.06430
9.000	21.000	.0074	.56324	.44000	-.00392	-.00044	-.00034	.00025	.06478	.00009	.06462
9.000	23.000	.00078	.56324	.51724	-.00365	-.00064	-.00033	.00029	.06322	.00009	.06306
9.000	25.000	.0001	.56324	.59223	-.00465	-.00080	-.00037	.00034	.06350	.00009	.06333
9.000	27.000	.00079	.56324	.67082	-.00671	-.00118	-.00032	.00040	.06382	.00009	.06366
9.000	29.000	.00042	.56324	.75000	-.00939	-.00103	-.00040	.00044	.06327	.00009	.06311
9.000	31.000	.00075	.56324	.84184	-.01331	-.00115	-.00031	.00053	.06688	.00009	.06672
9.000	33.000	.00097	.56324	.93258	-.01603	-.00145	-.00068	.00062	.06716	.00008	.06700
9.000	35.000	.00107	.56324	1.01822	-.02474	-.00135	-.00040	.00071	.06742	.00009	.06726
9.000	37.000	.00090	.56324	1.10766	-.03107	-.00120	-.00079	.00079	.06703	.00008	.06687
9.000	39.000	.00098	.56324	1.19711	-.03801	-.00179	-.00072	.00076	.06549	.00008	.06534
9.000	41.000	.00064	.56324	1.28912	-.04674	-.00165	-.00063	.00086	.06375	.00008	.06360
9.000	43.000	.00113	.56324	1.38311	-.05411	-.00196	-.00091	.00096	.06351	.00008	.06336
9.000	44.031	.00124	.56324	1.46185	-.06011	-.00166	-.00110	.00159	.06628	.00008	.06612
GRADIENT		.00005	.00000	.03408	-.00008	-.00013	-.00003	.00002	.00034	.00000	.00034

AEDC VA474(0477/78) (B26C07M7) (W10226) (V083)

(RTN033) (10 JAN 74)

REFERENCE DATA

REF * 07.1500 50.1M. ZIMP = 12.6250 INCHES
 REF * 7.1220 INCHES ZIMP = .0000 INCHES
 REF * 14.0320 INCHES ZIMP = -.3750 INCHES
 SCALE * .0150

PARAMETRIC DATA

BETA = .000 CLEVER = .000
 AILROM = .000 BOFLAP = .000
 SPDBER = 55.000 RUDDER = .000

RUN NO. 1140/ 0 RM/L = 3.48 GRADIENT INTERVAL = -.5.CJ/ 3.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYM	CBL	CA	CAB	CAF
0.000	-2.722	-.00256	3.47964	-.09337	-.02790	-.00156	.00033	-.00010	.06479	.00215	.08260
0.000	-2.000	-.00412	3.47964	-.06934	-.02789	-.00060	.00062	-.00010	.06243	.00215	.08024
0.000	.000	-.00316	3.47964	-.05269	-.02614	-.00112	.00035	-.00016	.07614	.00215	.07393
0.000	2.000	-.00346	3.47964	-.02235	-.02261	-.00064	.00033	-.00015	.07196	.00215	.06976
0.000	4.000	-.00159	3.47964	.00960	-.01925	-.00042	.00026	-.00009	.06800	.00215	.06581
0.000	6.000	-.00042	3.47964	.04446	-.01594	-.00133	.00022	-.00010	.06425	.00215	.06203
0.000	8.000	-.00061	3.47964	.08320	-.01208	-.00087	.00019	-.00007	.06133	.00215	.05914
0.000	10.000	.00065	3.47964	.12363	-.01036	-.00130	.00007	-.00003	.05946	.00215	.05727
0.000	12.000	.00172	3.47964	.17445	-.00883	-.00119	-.00008	.00005	.05780	.00215	.05561
0.000	14.000	.00140	3.47964	.22834	-.00761	-.00100	-.00007	.00006	.05581	.00215	.05461
0.000	16.000	.00136	3.47964	.28719	-.00661	-.00112	-.00005	.00006	.05402	.00215	.05402
0.000	18.000	.00212	3.47964	.34956	-.00632	-.00147	-.00011	.00006	.05399	.00215	.05379
0.000	20.000	.00169	3.47964	.41351	-.00661	-.00115	-.00012	.00008	.05622	.00215	.05403
0.000	22.000	.00247	3.47964	.48496	-.00682	-.00121	-.00020	.00011	.05640	.00215	.05421
0.000	24.000	.00293	3.47964	.55858	-.00805	-.00133	-.00026	.00014	.05675	.00215	.05455
0.000	26.000	.00339	3.47964	.63507	-.01037	-.00138	-.00032	.00014	.05710	.00215	.05490
0.000	27.030	.00047	3.47964	.67949	-.01169	.00001	-.00007	.00011	.05719	.00215	.05500
0.000	GRADIENT	.00016	.00000	.01534	.00132	.00012	-.00004	-.00000	-.00250	.00000	-.00250

AEDC VA-74 (A77/76) (B26C97M7) (W16E26) (V083)

(RTNG37) (10 JAN 74)

REFERENCE DATA

MACH = 07.1900 30-IN. THMP = 12.6250 INCHES
 LREF = 7.1220 INCHES THMP = .0000 INCHES
 BREF = 14.0320 INCHES THMP = -.3750 INCHES
 SCALE = .0150

RUN NO. 1090/0 RM/L = 3.32 GRADIENT INTERVAL = -5.00/ 5.00

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILRON = .000 BDFLAP = .000
 SPCREK = 55.000 RUDDER = .000

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-27.042	-0.00734	3.31076	-0.6093	-0.0470	.00144	.00093	.00007	.15070	-.00300	.13361
0.000	-26.000	-0.00676	3.31076	-0.6250	-0.0312	.00127	.00043	.00007	.14694	-.00300	.14980
0.000	-24.000	-0.00593	3.31076	-0.5492	-0.0266	.00149	.00067	.00017	.14039	-.00299	.14329
0.000	-22.000	-0.00376	3.31076	-0.4794	-0.0643	.00162	.00039	.00021	.13332	-.00300	.13623
0.000	-20.000	-0.00313	3.31076	-0.4073	-0.1043	.00176	.00050	.00016	.12582	-.00300	.12873
0.000	-18.000	-0.00484	3.31076	-0.3489	-0.1231	.00123	.00031	.00014	.11999	-.00300	.12289
0.000	-16.000	-0.00636	3.31076	-0.2993	-0.1319	.00166	.00064	.00008	.11378	-.00300	.11668
0.000	-14.000	-0.00484	3.31076	-0.2506	-0.1322	.00100	.00053	.00010	.11283	-.00300	.11574
0.000	-12.000	-0.00541	3.31076	-0.2247	-0.0369	.00111	.00039	.00013	.11023	-.00300	.11316
0.000	-10.000	-0.00415	3.31076	-0.1943	-0.0376	.00021	.00032	.00011	.10636	-.00300	.10926
0.000	-8.000	-0.00602	3.31076	-0.17134	-0.03560	.00156	.00071	.00059	.10280	-.00300	.10570
0.000	-6.000	-0.00566	3.31076	-0.15020	-0.03191	.00099	.00065	.00051	.09731	-.00300	.10021
0.000	-4.000	-0.00565	3.31076	-0.11670	-0.02917	.00078	.00064	.00052	.08909	-.00300	.09200
0.000	-2.000	-0.00437	3.31076	-0.0668	-0.02827	.00003	.00059	.00053	.07423	-.00300	.08333
0.000	.000	-0.00436	3.31076	-0.0731	-0.02654	.00016	.00055	.00056	.07633	-.00300	.07824
0.000	2.000	-0.00214	3.31076	-0.02674	-0.02362	-.00043	.00033	-.00053	.07178	-.00300	.07469
0.000	2.314	-0.00374	3.31076	-0.02213	-0.02272	.00037	.00042	-.00053	.07123	-.00300	.07414
GRADIENT		.00041	.00000	.01508	.00102	-.00006	-.00094	-.00059	-.00282	.00000	-.00282

AEDC VA474 (A77/76) (B26C97M7) (W16E26) (V083)

(RTNG37) (10 JAN 74)

REFERENCE DATA

MACH = 07.1900 30-IN. THMP = 12.6250 INCHES
 LREF = 7.1220 INCHES THMP = .0000 INCHES
 BREF = 14.0320 INCHES THMP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVTR = .000
 AILRON = .000 BDFLAP = .000
 SPCREK = 55.000 RUDDER = .000

RUN NO. 201/0 RM/L = 4.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-3.043	20.04170	4.63422	.46147	-.01368	.03907	.00615	.00734	.03714	.00482	.03220
0.000	-2.731	21.03900	4.63422	.51497	-.01302	.01918	.00343	.00420	.03626	.00473	.03131
0.000	.024	20.80370	4.63422	.46336	-.01122	-.00193	-.00004	.00623	.03032	.00439	.03372
0.000	2.077	20.40960	4.63422	.46242	-.01106	-.01923	-.00272	-.00262	.03674	.00474	.03398
0.000	4.116	20.31273	4.63422	.46336	-.01176	-.02619	-.00480	-.00663	.03922	.00485	.03439
0.000	6.169	20.32500	4.63422	.46467	-.01239	-.03749	-.00710	-.00908	.06023	.00489	.03532
0.000	8.189	20.36270	4.63422	.46467	-.01131	-.07756	-.00982	-.01183	.06168	.00497	.03668
0.000	10.262	20.36270	4.63422	.46319	-.00257	-.07756	-.01210	-.01467	.06309	.00488	.03613
GRADIENT		-.18168	.00000	-.00726	.00019	-.00835	-.00121	-.00149	.00042	.00002	.00049

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TABULATED SOURCE DATA, AEDC VA474

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REFERENCE DATA

SREF = 87.1900 50-IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

RUN NO. 202/ 0 RN/L = 4.65 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLW	CY	CYN	CBL	CA	CAB	CAF
9.950	-5.037	25.83200	4.65485	.67334	-.01808	.03561	.00718	.00049	.05746	.00464	.05276
9.950	-2.921	25.79600	4.65485	.67287	-.01702	.01080	.00424	.00493	.05626	.00471	.05151
9.950	.013	25.71570	4.65485	.66204	-.01482	-.00206	-.00004	.00000	.00432	.00458	.00393
9.950	2.092	25.66140	4.65485	.65871	-.01549	-.01381	-.00351	-.00320	.00478	.00478	.00368
9.950	4.139	25.74140	4.65485	.66273	-.01647	-.03629	-.00617	-.00677	.00491	.00491	.00419
9.950	6.180	25.76560	4.65485	.66719	-.01664	-.05450	-.00886	-.01045	.00473	.00473	.00538
9.950	8.248	25.76800	4.65485	.66272	-.01646	-.07349	-.01165	-.01451	.00485	.00485	.00650
9.950	10.261	25.79200	4.65485	.65883	-.01581	-.09348	-.01430	-.01763	.00484	.00484	.00747
GRADIENT			.00000	-.00156	.00007	-.00784	-.00149	-.00166	.00039	.00039	.00035

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V0R5)

(RTN038) (10 JAN 74)

PARAMETRIC DATA

ALPHA = 25.00- ELEVTR = .000
AILROM = .000 BDFLAP = .000
SFCBRK = 55.000 RUDDER = .000

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V0R5)

(RTN039) (10 JAN 74)

REFERENCE DATA

SREF = 87.1900 50-IN. YMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

RUN NO. 203/ 0 RN/L = 4.66 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLW	CY	CYN	CBL	CA	CAB	CAF
9.950	-5.030	30.99560	4.66297	.88657	-.02823	.03579	.00639	.01037	.05804	.00468	.05328
9.950	-3.002	31.00180	4.66297	.88820	-.02737	.01956	.00363	.00625	.05714	.00460	.05249
9.950	.058	31.01230	4.66297	.88893	-.02640	-.00300	-.00037	.00012	.05621	.00453	.05184
9.950	2.108	31.01690	4.66297	.88895	-.02663	-.02141	-.00294	-.00414	.05856	.00432	.05199
9.950	4.150	31.02130	4.66297	.88796	-.02728	-.03820	-.00550	-.00851	.05732	.00443	.05283
9.950	6.182	31.02600	4.66297	.88370	-.02781	-.05434	-.00875	-.01238	.05826	.00439	.05381
9.950	8.222	31.03210	4.66297	.88234	-.02814	-.07104	-.01196	-.01623	.05926	.00449	.05468
9.950	10.263	31.03870	4.66297	.87750	-.02802	-.08869	-.01538	-.02030	.06052	.00465	.05576
GRADIENT			.00000	-.00061	.00002	-.00807	-.00128	-.00206	.00002	-.00002	.00004

PARAMETRIC DATA

ALPHA = 30.000 ELEVTR = .000
AILROM = .000 BDFLAP = .000
SFCBRK = 55.000 RUDDER = .000

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(OA77/78) (B26C9FTN7) (W110E26) (V083)

(RTN040) (10 JAN 74)

REFERENCE DATA

SREF = 97.1560 36.IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

ALPHA = 33.000 ELEVTR = .000
 AILROM = .000 BDFLAP = .000
 SPCBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 204/ 0 RN/L = 4.67 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	-5.034	36.14630	4.66593	1.11139	-.04313	-.03340	.00698	.01142	.03651	.00453	.05384
5.950	-3.019	36.146200	4.66593	1.11356	-.04285	.01857	.00360	.00728	.05804	.00460	.05336
5.950	-.008	36.12720	4.66593	1.11118	-.04200	-.00203	-.00018	.00088	.03783	.00448	.05326
5.950	2.032	36.24970	4.66593	1.12224	-.04312	-.01839	-.00259	-.00447	.05401	.00448	.04946
5.950	4.092	36.26150	4.66593	1.12134	-.04310	-.03402	-.00620	-.00880	.05468	.00429	.05029
5.950	6.143	36.26470	4.66593	1.11877	-.04475	-.04985	-.00953	-.01327	.05565	.00401	.05159
5.950	8.534	36.48710	4.66593	1.12389	-.04535	-.06923	-.01346	-.01868	.05631	.00378	.05267
5.950	10.222	36.25530	4.66593	1.10829	-.04431	-.08398	-.01626	-.02234	.05735	.00402	.05332
GRADIENT		.01695	.00000	.00149	-.00040	-.00742	-.00135	-.00229	-.00058	-.00004	-.00054

REFERENCE DATA

SREF = 07.1960 96.1N. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 9.000
 AIRLOW = .000 SDFLAP = .000
 SPOBRA = 99.000 RUDDER = .000

AEDC VA474 (0A77/78) (026C9F7N7) (W116E26) (V0R3)

(RTND41) (10 JAN 74)

RUN NO. 240/ 0 RN/L = 4.79 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.865	.00314	4.70304	.31537	-.01906	-.00270	-.00004	.00027	.06080	.00472	.05607
5.950	17.000	.00290	4.70304	.35041	-.02022	-.00258	-.00003	.00032	.06057	.00472	.05564
5.950	19.000	.00349	4.70304	.41789	-.02196	-.00277	-.00009	.00042	.06059	.00472	.05587
5.950	21.000	.00478	4.70304	.48949	-.02378	-.00288	-.00024	.00052	.06119	.00472	.05646
5.950	23.000	.00540	4.70304	.56562	-.02586	-.00297	-.00031	.00065	.06193	.00472	.05720
5.950	25.000	.00556	4.70304	.64455	-.02905	-.00293	-.00034	.00079	.06251	.00472	.05778
5.950	27.000	.00485	4.70304	.72664	-.03310	-.00323	-.00073	.00084	.06288	.00472	.05816
5.950	29.000	.00531	4.70304	.81184	-.03822	-.00344	-.00028	.00093	.06330	.00472	.05857
5.950	31.000	.00576	4.70304	.89842	-.04422	-.00323	-.00038	.00107	.06394	.00472	.05921
5.950	33.000	.00565	4.70304	.98830	-.05120	-.00358	-.00034	.00106	.06467	.00472	.05994
5.950	35.000	.00520	4.70304	1.08008	-.05889	-.00317	-.00034	.00117	.06509	.00472	.06036
5.950	37.000	.00569	4.70304	1.17208	-.06714	-.00330	-.00044	.00132	.06515	.00472	.06042
5.950	39.000	.00570	4.70304	1.26365	-.07553	-.00313	-.00046	.00135	.06489	.00472	.06016
5.950	41.000	.00586	4.70304	1.35422	-.08435	-.00358	-.00045	.00129	.06443	.00472	.05970
5.950	43.000	.00588	4.70304	1.44316	-.09362	-.00333	-.00031	.00134	.06392	.00472	.05919
5.950	45.000	.00665	4.70304	1.53201	-.10342	-.00375	-.00062	.00142	.06285	.00472	.05813
5.950	46.234	.00694	4.70304	1.59038	-.10861	-.00358	-.00071	.00143	.06125	.00472	.05652
GRADIENT		.00032	-.00000	.03604	-.00105	-.00004	-.00004	.00006	.00021	.00000	.00021

RUN NO. 910/ 0 RN/L = 3.52 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
6.000	15.799	.00265	3.51775	.28277	-.01344	-.00205	-.00011	.00012	.05674	.00210	.05460
6.000	17.000	.00154	3.51775	.31720	-.01397	-.00160	-.00001	.00011	.05606	.00210	.05392
6.000	19.000	.00318	3.51775	.38369	-.01502	-.00226	-.00016	.00013	.05613	.00210	.05507
6.000	21.000	.00419	3.51775	.45420	-.01637	-.00231	-.00030	.00021	.05809	.00210	.05595
6.000	23.000	.00467	3.51775	.52892	-.01858	-.00236	-.00037	.00030	.05892	.00210	.05678
6.000	25.000	.00481	3.51775	.60740	-.02164	-.00218	-.00042	.00038	.05990	.00210	.05776
6.000	27.000	.00479	3.51775	.69001	-.02553	-.00246	-.00040	.00039	.06068	.00210	.05854
6.000	29.000	.00399	3.51775	.77561	-.03064	-.00270	-.00026	.00033	.06166	.00210	.05952
6.000	31.000	.00430	3.51775	.86422	-.03653	-.00266	-.00033	.00037	.06285	.00210	.06071
6.000	33.000	.00538	3.51775	.95518	-.04313	-.00302	-.00046	.00041	.06353	.00210	.06139
6.000	35.000	.00498	3.51775	1.04731	-.05076	-.00284	-.00044	.00044	.06392	.00210	.06178
6.000	37.000	.00459	3.51775	1.13978	-.05904	-.00280	-.00041	.00048	.06417	.00210	.06203
6.000	39.000	.00442	3.51775	1.23217	-.06786	-.00228	-.00046	.00056	.06452	.00210	.06238
6.000	41.000	.00463	3.51775	1.32390	-.07666	-.00193	-.00036	.00064	.06424	.00210	.06210
6.000	43.000	.00504	3.51775	1.41458	-.08572	-.00216	-.00063	.00074	.06393	.00210	.06179
6.000	45.000	.00549	3.51775	1.50332	-.09517	-.00249	-.00082	.00082	.06347	.00210	.06133
6.000	46.175	.00538	3.51775	1.55908	-.10020	-.00252	-.00070	.00090	.06292	.00210	.06078
GRADIENT		.00033	.00000	.03537	-.00086	-.00005	-.00004	.00003	.00039	.00000	.00039

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(OA77770) (826CF7M7) (W110E20) (V083)

(RTN041) (10 JAN 74)

REFERENCE DATA

SREF = 07.1960 30-IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

BETA = .000 ELEVTR = 5.000
AILROW = .000 BDFLAP = .000
SPDRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 1480/ 0 RN/L = 1.09 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.632	.00099	1.08550	.27455	-.01101	-.00102	-.00009	.00035	.05865	.00099	.05585
10.090	17.000	-.00024	1.08550	.31385	-.01121	-.00067	.00011	.00039	.05863	.00099	.05583
10.090	19.000	.00024	1.08550	.36145	-.01137	-.00135	.00011	.00041	.05739	.00099	.05839
10.090	21.000	.00143	1.08550	.44925	-.01169	-.00068	-.00021	.00054	.05816	.00099	.05716
10.090	23.000	.00253	1.08550	.52462	-.01333	-.00143	-.00040	.00058	.05334	.00099	.05834
10.090	25.000	.00337	1.08550	.60228	-.01622	-.00169	-.00034	.00066	.06002	.00099	.05902
10.090	27.000	.00186	1.08550	.68353	-.01993	-.00177	-.00022	.00069	.06089	.00099	.05989
10.090	29.000	.00268	1.08550	.76835	-.02507	-.00223	-.00036	.00077	.06184	.00099	.06084
10.090	31.000	.00140	1.08550	.85850	-.03059	-.00139	-.00017	.00088	.06299	.00099	.06199
10.090	33.000	.00228	1.08550	.94963	-.03772	-.00181	-.00034	.00097	.06375	.00099	.06275
10.090	35.000	.00265	1.08550	1.04227	-.04529	-.00181	-.00045	.00104	.06446	.00099	.06346
10.090	37.000	.00359	1.08550	1.13562	-.05362	-.00229	-.00065	.00105	.06461	.00099	.06361
10.090	39.000	.00366	1.08550	1.23072	-.06254	-.00243	-.00068	.00111	.06498	.00099	.06398
10.090	41.000	.00330	1.08550	1.32619	-.07176	-.00246	-.00061	.00112	.06521	.00098	.06422
10.090	43.000	.00368	1.08550	1.42326	-.08128	-.00273	-.00077	.00114	.06549	.00098	.06449
10.090	44.866	.00435	1.08550	1.51030	-.09047	-.00298	-.00091	.00124	.06577	.00098	.06478
GRADIENT		.00033	.00000	.03506	-.00051	-.00009	-.00006	.00003	.00037	.00000	.00037

AEDC VA474(OA77778) (B26C9F7H7) (W114E26) (V0R5)

(31ND42) (10 JAN 74)

REFERENCE DATA

BREF = 07.1560 IN. XMP = 12.8250 INCHES
LREF = 7.1520 INCHES YMP = .0000 INCHES
BREF = 14.0380 INCHES ZMP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
AILRON = .000 BDFLAP = .000
SPDRK = 55.000 RUDDER = .000

RUN NO. 270/ 0 RN/L = 4.68 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.735	.00172	4.68196	.32496	-.03239	-.00249	.00010	-.00024	.06436	.00486	.05871
5.950	17.000	.00145	4.68196	.36503	-.03473	-.00236	.00011	-.00022	.06447	.00486	.05962
5.950	19.000	.00254	4.68196	.43459	-.03828	-.00285	.00004	-.00018	.06335	.00486	.06050
5.950	21.000	.00299	4.68196	.50845	-.04165	-.00266	-.00004	-.00014	.06659	.00486	.06174
5.950	23.000	.00337	4.68196	.58648	-.04564	-.00279	-.00008	-.00007	.06798	.00486	.06313
5.950	25.000	.00480	4.68196	.66798	-.05063	-.00327	-.00021	.00000	.06941	.00466	.06456
5.950	27.000	.00372	4.68196	.75256	-.05621	-.00318	-.00009	.00007	.07063	.00486	.06378
5.950	29.000	.00322	4.68196	.83975	-.06299	-.00326	-.00002	.00011	.07184	.00486	.06599
5.950	31.000	.00429	4.68196	.92902	-.07062	-.00331	-.00017	.00019	.07334	.00486	.06849
5.950	33.000	.00324	4.68196	1.02099	-.07899	-.00334	-.00004	.00013	.07477	.00486	.06992
5.950	35.000	.00395	4.68196	1.11405	-.08810	-.00379	-.00009	.00018	.07597	.00486	.07112
5.950	37.000	.00356	4.68196	1.20822	-.09780	-.00362	-.00007	.00025	.07701	.00486	.07216
5.950	39.000	.00301	4.68196	1.30114	-.10739	-.00370	-.00001	.00023	.07739	.00486	.07254
5.950	41.000	.00332	4.68196	1.39298	-.11753	-.00406	-.00001	.00022	.07828	.00486	.07343
5.950	43.000	.00273	4.68196	1.48389	-.12831	-.00407	.00007	.00020	.07881	.00486	.07396
5.950	45.000	.00327	4.68196	1.57482	-.13896	-.00444	.00001	.00024	.07823	.00486	.07338
5.950	45.826	.00291	4.68196	1.61559	-.14507	-.00425	.00004	.00025	.07765	.00486	.07280
GRADIENT		.00033	-.00000	.03706	-.00192	-.00008	-.00003	.00003	.00055	-.00000	.00055

RUN NO. 1010/ 0 RN/L = 3.49 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
6.000	15.738	.00008	3.49175	.29600	-.02611	-.00103	.00012	-.00014	.05983	.00219	.05761
6.000	17.000	.00070	3.49175	.33504	-.02798	-.00153	.00009	-.00019	.06051	.00219	.05829
6.000	19.000	.00133	3.49175	.40318	-.03053	-.00178	.00004	-.00018	.06151	.00219	.05929
6.000	21.000	.00210	3.49175	.47601	-.03366	-.00193	-.00010	-.00019	.06317	.00219	.06095
6.000	23.000	.00271	3.49175	.55286	-.03776	-.00208	-.00013	-.00016	.06485	.00219	.06263
6.000	25.000	.00292	3.49175	.63402	-.04271	-.00204	-.00017	-.00012	.06664	.00219	.06442
6.000	27.000	.00245	3.49175	.71885	-.04856	-.00189	-.00013	-.00017	.06824	.00219	.06603
6.000	29.000	.00302	3.49175	.80636	-.05531	-.00267	-.00010	-.00028	.07024	.00219	.06802
6.000	31.000	.00287	3.49175	.89971	-.06273	-.00288	-.00011	-.00028	.07227	.00219	.07006
6.000	33.000	.00280	3.49175	.98963	-.07100	-.00292	-.00009	-.00032	.07412	.00219	.07190
6.000	35.000	.00280	3.49175	1.08321	-.08011	-.00280	-.00011	-.00030	.07547	.00219	.07325
6.000	37.000	.00382	3.49175	1.17761	-.08970	-.00271	-.00012	-.00031	.07647	.00219	.07426
6.000	39.000	.00382	3.49175	1.27128	-.09946	-.00312	-.00026	-.00029	.07755	.00219	.07533
6.000	41.000	.00379	3.49175	1.36364	-.10938	-.00269	-.00032	-.00028	.07799	.00219	.07578
6.000	43.000	.00462	3.49175	1.45537	-.11930	-.00321	-.00043	-.00029	.07831	.00219	.07609
6.000	45.000	.00433	3.49175	1.54514	-.12956	-.00325	-.00040	-.00027	.07871	.00219	.07649
6.000	45.817	.00403	3.49175	1.57734	-.13250	-.00326	-.00035	-.00025	.07837	.00219	.07615
GRADIENT		.00032	-.00000	.03631	-.00175	-.00010	-.00003	.00000	.00074	-.00000	.00074

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TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (OATT/76) (B26C9F7N7) (W10E26) (V8R3)

(RTM042) (10 JAN 74)

REFERENCE DATA

REF = 87.1500 IN. INRP = 12.6250 INCHES
 LREF = 7.1220 INCHES INRP = .0000 INCHES
 BREF = 14.0320 INCHES INRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = 10.000
 AILROM = .000 BDFLAP = .000
 SPDPRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 1560/ 0 RM/L = 1.90 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	19.425	.00047	1.89932	.29883	-.02248	-.00023	-.00007	-.00006	.06364	.00103	.06261
10.090	17.000	-.00037	1.89932	.34791	-.02368	-.00011	-.00009	-.00010	.06332	.00103	.06230
10.090	19.000	.00082	1.89932	.42358	-.02566	-.00093	-.00006	-.00006	.06564	.00103	.06461
10.090	21.000	.00066	1.89932	.49890	-.02844	-.00092	-.00003	-.00021	.06686	.00103	.06584
10.090	23.000	.00156	1.89932	.58064	-.03321	-.00127	-.00020	.00553	.06881	.00103	.06778
10.090	25.000	.00158	1.89932	.66676	-.03707	-.00137	-.00019	-.00029	.07065	.00103	.06962
10.090	27.000	.00083	1.89932	.75326	-.04601	-.00131	-.00003	.00552	.07183	.00103	.07081
10.090	29.000	.00077	1.89932	.85070	-.05003	-.00132	-.00002	.00516	.07460	.00103	.07358
10.090	31.000	.00122	1.89932	.94970	-.06183	-.00137	-.00013	.00529	.07678	.00103	.07575
10.090	33.000	.00147	1.89932	1.05047	-.07167	-.00185	-.00014	.00529	.07894	.00103	.07792
10.090	35.000	.00167	1.89932	1.15274	-.07987	-.00230	-.00014	-.00530	.08073	.00103	.07971
10.090	37.000	.00192	1.89932	1.25791	-.09212	-.00167	-.00029	.00539	.08217	.00103	.08114
10.090	39.000	.00169	1.89932	1.35618	-.10580	-.00182	-.00023	.00569	.08375	.00103	.08272
10.090	41.000	.00240	1.89932	1.45907	-.11861	-.00256	-.00034	.00550	.08443	.00103	.08340
10.090	43.000	.00328	1.89932	1.56900	-.12424	-.00313	-.00055	.00549	.08557	.00103	.08454
10.090	44.957	.00221	1.89932	1.66335	-.14376	-.00253	-.00034	.00534	.08576	.00103	.08473
GRADIENT		.00017	-.00000	.03855	-.06154	-.00014	-.00062	-.00591	.00078	-.00000	.00078

AEDC VA474 (0477/76) (B26C9F7H7) (W110E26) (V0R5)

(RTN043) (10 JAN 74)

REFERENCE DATA

REF = 87.1580 INCHES
 LREF = 7.1220 INCHES
 BREF = 14.0320 INCHES
 SCALE = .0130

PARAMETRIC DATA

BETA = .000
 ELEVTR = 10.000
 AILROM = .000
 BDFLAP = .000
 SPOBRK = 55.000
 RUDDER = .000

RUN NO. 60/ 0 RN/L = 1.87 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CTM	CBL	CA	CAB	CAF
9.950	15.839	-.00011	1.86920	.32515	-.03329	-.00231	.00032	-.00023	.06623	.00424	.06195
9.950	17.000	.00005	1.86920	.36979	-.03532	-.00252	.00029	-.00027	.06691	.00424	.06262
9.950	19.000	.00074	1.86920	.43996	-.03925	-.00301	.00014	-.00024	.06717	.00424	.06289
9.950	21.000	.00068	1.86920	.51458	-.04300	-.00281	.00014	-.00018	.06850	.00424	.06422
9.950	23.000	.00081	1.86920	.59288	-.04702	-.00290	.00010	-.00015	.06958	.00424	.06530
9.950	25.000	.00114	1.86920	.67361	-.05216	-.00345	.00006	-.00003	.07082	.00424	.06653
9.950	27.000	.00114	1.86920	.75748	-.05775	-.00368	.00008	-.00001	.07180	.00424	.06752
9.950	29.000	.00093	1.86920	.84486	-.06369	-.00386	.00016	-.00002	.07280	.00424	.06852
9.950	31.000	.00088	1.86920	.93343	-.07072	-.00375	.00016	-.00004	.07386	.00424	.06958
9.950	33.000	.00067	1.86920	1.02502	-.07864	-.00394	.00025	.00001	.07535	.00424	.07107
9.950	35.000	.00114	1.86920	1.11757	-.08732	-.00456	.00016	.00005	.07655	.00423	.07227
9.950	37.000	.00081	1.86920	1.21208	-.09685	-.00408	.00021	.00015	.07723	.00424	.07295
9.950	39.000	.00103	1.86920	1.30487	-.10633	-.00454	.00017	.00017	.07812	.00423	.07384
9.950	41.000	.00156	1.86920	1.39863	-.11641	-.00561	.00009	.00017	.07872	.00423	.07444
9.950	43.000	.00173	1.86920	1.49587	-.12690	-.00644	.00011	.00013	.07901	.00423	.07473
9.950	45.000	.00014	1.86920	1.58503	-.13757	-.00320	.00033	.00020	.07918	.00423	.07490
GRADIENT		.00013	.00000	.03727	-.00199	-.00010	-.00003	.00002	.00049	.00000	.00048

RUN NO. 710/ 0 RN/L = 1.84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CTM	CBL	CA	CAB	CAF
7.980	15.826	.00119	1.84062	.29007	-.02618	-.00150	-.00014	-.00034	.06055	.00240	.05814
7.980	17.000	.00070	1.84062	.33329	-.02785	-.00126	-.00004	-.00038	.06041	.00240	.05799
7.980	19.000	.00128	1.84062	.40014	-.03048	-.00200	-.00011	-.00045	.06231	.00240	.05990
7.980	21.000	.00181	1.84062	.47281	-.03369	-.00281	-.00029	-.00040	.06377	.00240	.06135
7.980	23.000	.00236	1.84062	.54996	-.03755	-.00223	-.00040	-.00041	.06526	.00240	.06285
7.980	25.000	.00223	1.84062	.63009	-.04200	-.00215	-.00038	-.00043	.06673	.00240	.06431
7.980	27.000	.00213	1.84062	.71289	-.04731	-.00260	-.00030	-.00050	.06812	.00240	.06570
7.980	29.000	.00177	1.84062	.79984	-.05353	-.00252	-.00022	-.00057	.06972	.00240	.06730
7.980	31.000	.00136	1.84062	.88831	-.06080	-.00207	-.00016	-.00058	.07155	.00240	.06914
7.980	33.000	.00141	1.84062	.98015	-.06855	-.00243	-.00014	-.00062	.07340	.00240	.07099
7.980	35.000	.00145	1.84062	1.07356	-.07779	-.00285	-.00011	-.00074	.07539	.00240	.07297
7.980	37.000	.00100	1.84062	1.16801	-.08761	-.00242	-.00003	-.00082	.07753	.00240	.07513
7.980	39.000	.00050	1.84062	1.26125	-.09744	-.00239	-.00012	-.00093	.07913	.00240	.07671
7.980	41.000	.00028	1.84062	1.35322	-.10675	-.00206	.00015	-.00090	.07971	.00240	.07729
7.980	43.000	.00056	1.84062	1.44366	-.11653	-.00193	.00004	-.00082	.07985	.00240	.07743
7.980	45.000	.00143	1.84062	1.53208	-.12531	-.00253	-.00022	-.00052	.07960	.00240	.07718
7.980	45.362	.00167	1.84062	1.55179	-.12687	-.00256	-.00031	-.00045	.07917	.00240	.07673
GRADIENT		.00016	.00000	.03629	-.00167	-.00009	-.00004	-.00001	.00071	-.00000	.00071

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/76) (B26C97M7) (W116E26) (V083)

(RTN043) (10 JAN 74)

REFERENCE DATA

REF = 87.1368 INCHES XMRP = 12.6250 INCHES
LREF = 7.1320 INCHES YMRP = .0000 INCHES
SREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
AILRON = .000 SDFLAP = .000
SPDBRK = 55.000 RUDDER = .000

RUN NO. 1560/ 0 RN/L = 1.90 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.425	.00047	1.89932	.29883	-.02248	-.00023	-.00007	-.00006	.06364	.00103	.06261
10.090	17.000	-.00037	1.89932	.34791	-.02368	-.00011	.00009	-.00010	.06332	.00103	.06230
10.090	19.000	.00082	1.89932	.42358	-.02756	-.00095	-.00006	-.00016	.06564	.00103	.06461
10.090	21.000	.00066	1.89932	.49890	-.02844	-.00092	-.00003	-.00021	.06686	.00103	.06564
10.090	23.000	.00156	1.89932	.58064	-.03321	-.00127	-.00020	.00003	.06821	.00103	.06776
10.090	25.000	.00158	1.89932	.66676	-.03707	-.00137	-.00019	-.00029	.07065	.00103	.06962
10.090	27.000	.00083	1.89932	.75526	-.04601	-.00131	-.00003	.00002	.07183	.00103	.07081
10.090	29.000	.00077	1.89932	.85070	-.05003	-.00132	-.00002	.00016	.07460	.00103	.07358
10.090	31.000	.00122	1.89932	.94970	-.06183	-.00137	-.00013	.00029	.07678	.00103	.07575
10.090	33.000	.00147	1.89932	1.05047	-.07167	-.00185	-.00014	.00029	.07894	.00103	.07792
10.090	35.000	.00167	1.89932	1.15274	-.07987	-.00230	-.00014	.00030	.08073	.00103	.07971
10.090	37.000	.00192	1.89932	1.25791	-.09212	-.00167	-.00029	.00033	.08217	.00103	.08114
10.090	39.000	.00169	1.89932	1.35618	-.10580	-.00182	-.00023	.00069	.08375	.00103	.08272
10.090	41.000	.00240	1.89932	1.45907	-.11861	-.00256	-.00034	.00050	.08443	.00103	.08340
10.090	43.000	.00328	1.89932	1.56900	-.12424	-.00313	-.00035	.00049	.08557	.00103	.08454
10.090	44.937	.00221	1.89932	1.66335	-.14376	-.00253	-.00034	.00034	.08576	.00103	.08475
GRADIENT		.00017	-.00000	.03855	-.00154	-.00014	-.00002	-.00001	.00078	-.00000	.00078

DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/78) (826C8F7M7) (M116E26) (V085)

(RTN044) (10 JAN 74)

REFERENCE DATA

SREF = 87.1540 30-IN. YMRP = 12.8250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
 AIRLOW = .000 BDFLAP = .000
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 590/ 0 RN/L = .97 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.910	15.636	.00035	.98791	.32229	-.03354	-.00030	-.00017	-.00026	.08593	.00360	.06235
9.910	17.000	.00033	.98791	.36507	-.03589	-.00044	-.00014	-.00029	.06631	.00360	.06273
9.910	19.000	.00049	.98791	.43473	-.03949	-.00093	-.00016	-.00027	.06693	.00360	.06335
9.910	21.000	.00062	.98791	.50805	-.04304	-.00079	-.00028	-.00021	.06833	.00360	.06496
9.910	23.000	.00088	.98791	.58472	-.04834	-.00090	-.00043	-.00009	.06962	.00360	.06606
9.910	25.000	.00080	.98791	.66432	-.05403	-.00068	-.00041	-.00005	.07100	.00360	.06743
9.910	27.000	.00065	.98791	.74862	-.05965	-.00081	-.00031	-.00008	.07220	.00360	.06862
9.910	29.000	.00049	.98791	.83600	-.06467	-.00193	-.00033	-.00010	.07306	.00360	.06948
9.910	31.000	.00082	.98791	.92289	-.07179	-.00229	-.00025	-.00013	.07464	.00360	.07107
9.910	33.000	.00076	.98791	1.01327	-.07983	-.00261	-.00026	-.00008	.07619	.00360	.07261
9.910	35.000	.00084	.98791	1.10510	-.08842	-.00218	-.00015	-.00003	.07781	.00360	.07424
9.910	37.000	.00059	.98791	1.19727	-.09764	-.00216	-.00013	-.00008	.07905	.00360	.07547
9.910	39.000	.00086	.98791	1.28851	-.10697	-.00316	-.00025	-.00011	.08114	.00360	.07621
9.910	41.000	.00072	.98791	1.37992	-.11623	-.00345	-.00011	.00007	.08314	.00360	.07656
9.910	43.000	.00090	.98791	1.46956	-.12681	-.00377	-.00023	.00015	.08101	.00360	.07743
9.910	44.943	.00255	.98791	1.55875	-.13677	-.00798	-.00104	.00024	.08315	.00360	.07958
GRADIENT		.00006	-.00000	.03631	-.00215	-.00005	-.00003	-.00003	.00056	.00000	.00056

RUN NO. 1740/ 0 RN/L = .84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.930	15.567	.00061	.83823	.28303	-.02230	.00015	-.00034	-.00010	.06327	.00037	.06287
9.930	17.000	.00059	.83823	.32808	-.02295	-.00003	-.00031	-.00010	.06375	.00037	.06335
9.930	19.000	.00043	.83823	.39356	-.02547	.00002	-.00023	-.00011	.06575	.00037	.06535
9.930	21.000	.00039	.83823	.46314	-.02821	-.00047	-.00026	-.00013	.06652	.00037	.06612
9.930	23.000	.00072	.83823	.54130	-.03140	-.00047	-.00034	-.00011	.06750	.00037	.06709
9.930	25.000	.00082	.83823	.61958	-.03576	-.00032	-.00039	-.00012	.06932	.00037	.06892
9.930	27.000	.00030	.83823	.70421	-.04004	-.00033	-.00013	-.00008	.07276	.00037	.07236
9.930	29.000	.00019	.83823	.78609	-.04798	-.00040	-.00006	-.00003	.07488	.00037	.07448
9.930	31.000	.00048	.83823	.87755	-.05402	-.00118	-.00037	.00004	.07761	.00037	.07721
9.930	33.000	.00071	.83823	.96857	-.06130	-.00076	-.00045	.00013	.07776	.00037	.07735
9.930	35.000	.00100	.83823	1.05995	-.06949	-.00134	-.00045	.00010	.07885	.00037	.07845
9.930	37.000	.00036	.83823	1.15022	-.07889	-.00052	-.00016	.00021	.08091	.00037	.08051
9.930	39.000	.00137	.83823	1.24086	-.08804	-.00131	-.00073	.00016	.08147	.00037	.08106
9.930	41.000	.00037	.83823	1.33518	-.09785	-.00072	-.00016	.00024	.08298	.00037	.08257
9.930	43.000	.00154	.83823	1.42959	-.10803	-.00072	-.00026	.00030	.08417	.00037	.08376
9.930	44.932	.00106	.83823	1.52218	-.11575	-.00140	-.00038	.00039	.08117	.00037	.08076
GRADIENT		.00002	.00000	.03572	-.00143	-.00003	-.00001	-.00000	.00063	.00000	.00063

AEDC VA474 (0477778) (B26C9F7M7) (M110E26) (V083)

(RTH043) (10 JAN 74)

REFERENCE DATA

REF = 07.1560 50-IN. XMRP = 12.0850 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0580 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 AIRLON = .000 BDFLAP = 16.300
 SPDRK = 55.000 RUDDER = .000

RUN NO. 100/ 0 RN/L = 4.85 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.881	.00216	4.85371	.28346	-.00481	-.00221	.00001	.00013	.07093	.00481	.06810
5.950	17.000	.00250	4.85371	.31836	-.00593	-.00235	-.00001	.00014	.06997	.00481	.06513
5.950	19.000	.00139	4.85371	.38446	-.00753	-.00178	.00002	.00014	.06999	.00481	.06514
5.950	21.000	.00406	4.85371	.45444	-.00871	-.00253	.00019	.00016	.07064	.00481	.06579
5.950	23.000	.00391	4.85371	.52720	-.00951	-.00238	.00025	.00022	.07160	.00481	.06675
5.950	25.000	.00482	4.85371	.60324	-.01093	-.00282	.00029	.00027	.07238	.00481	.06753
5.950	27.000	.00374	4.85371	.68149	-.01262	-.00264	-.00006	.00025	.07339	.00481	.06854
5.950	29.000	.00371	4.85371	.76111	-.01482	-.00224	-.00021	.00028	.07466	.00481	.06981
5.950	31.000	.00493	4.85371	.84382	-.01696	-.00229	-.00039	.00035	.07613	.00481	.07129
5.950	33.000	.00493	4.85371	.92745	-.01960	-.00279	-.00034	.00032	.07738	.00481	.07254
5.950	35.000	.00515	4.85371	1.01267	-.02271	-.00264	-.00040	.00038	.07810	.00481	.07325
5.950	37.000	.00554	4.85371	1.09763	-.02597	-.00232	-.00049	.00048	.07846	.00481	.07361
5.950	39.000	.00630	4.85371	1.18186	-.02916	-.00228	-.00053	.00045	.07841	.00481	.07357
5.950	41.000	.00514	4.85371	1.26532	-.03259	-.00282	-.00044	.00045	.07805	.00481	.07320
5.950	43.000	.00493	4.85371	1.34786	-.03588	-.00311	-.00040	.00047	.07773	.00481	.07289
5.950	45.000	.00652	4.85371	1.42809	-.03905	-.00337	-.00065	.00057	.07727	.00481	.07243
5.950	46.025	.00712	4.85371	1.46980	-.04087	-.00324	-.00078	.00063	.07678	.00481	.07193
GRADIENT		.00031	-.00000	.03505	-.00064	-.00005	-.00004	.00001	.00021	.00000	.00021

RUN NO. 810/ 0 RN/L = 3.54 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.881	.00207	3.53739	.25858	-.00147	-.00203	-.00003	.00002	.06266	.00192	.06069
8.000	17.000	.00211	3.53739	.29362	-.00209	-.00204	-.00004	-.00002	.06242	.00192	.06043
8.000	19.000	.00292	3.53739	.35702	-.00309	-.00223	-.00013	-.00003	.06339	.00192	.06142
8.000	21.000	.00420	3.53739	.42569	-.00473	-.00238	-.00029	.00000	.06490	.00192	.06293
8.000	23.000	.00493	3.53739	.49823	-.00731	-.00245	-.00040	.00001	.06891	.00192	.06494
8.000	25.000	.00410	3.53739	.57386	-.00941	-.00161	-.00039	.00003	.06865	.00192	.06668
8.000	27.000	.00458	3.53739	.65233	-.01152	-.00297	-.00042	.00000	.07059	.00192	.06862
8.000	29.000	.00507	3.53739	.73278	-.01362	-.00287	-.00041	.00019	.07272	.00192	.07075
8.000	31.000	.00447	3.53739	.81500	-.01540	-.00271	-.00033	.00012	.07478	.00192	.07281
8.000	33.000	.00454	3.53739	.89862	-.01751	-.00286	-.00036	.00013	.07630	.00192	.07434
8.000	35.000	.00487	3.53739	.98282	-.02011	-.00274	-.00041	.00015	.07736	.00192	.07539
8.000	37.000	.00456	3.53739	1.06770	-.02308	-.00243	-.00045	.00012	.07816	.00192	.07619
8.000	39.000	.00489	3.53739	1.15226	-.02635	-.00212	-.00053	.00008	.07859	.00192	.07662
8.000	41.000	.00521	3.53739	1.23631	-.02960	-.00227	-.00065	.00005	.07874	.00192	.07677
8.000	43.000	.00517	3.53739	1.31858	-.03237	-.00200	-.00068	.00001	.07872	.00192	.07675
8.000	45.000	.00533	3.53739	1.39949	-.03552	-.00202	-.00073	.00007	.07833	.00192	.07637
8.000	46.189	.00497	3.53739	1.44912	-.03689	-.00176	-.00072	.00004	.07810	.00192	.07613
GRADIENT		.00030	-.00000	.03438	-.00087	.00001	-.00003	.00000	.00069	.00000	.00069

AEDC VA474 (OAT77/70) (B2C9F7M7) (W16E26) (V8R3)

(RTM045) (10 JAN 74)

REFERENCE DATA

QREF = 07.1540 30.1in. ZMRP = 12.6250 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0130

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 AIRCOM = .000 BDPLAP = 16.300
 SPDRK = 55.000 RUDDER = .000

RUN NO. 1360 / 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYM	CBL	CA	CAB	CAF
10.000	15.725	.00075	1.88671	.25876	-.00089	-.00046	-.00010	.00022	.06162	.00101	.06059
10.000	17.000	.00141	1.88671	.29355	-.00041	-.00097	-.00019	.00025	.06171	.00101	.06068
10.000	18.000	.00081	1.88671	.36122	-.00080	-.00045	-.00013	.00030	.06317	.00101	.06214
10.000	21.000	.00153	1.88671	.42735	-.00173	-.00048	-.00028	.00034	.06438	.00101	.06335
10.000	23.000	.00182	1.88671	.50003	-.00339	-.00069	-.00033	.00036	.06630	.00101	.06527
10.000	25.000	.00188	1.88671	.57372	-.00536	-.00112	-.00029	.00038	.06825	.00101	.06722
10.000	27.000	.00153	1.88671	.65329	-.00743	-.00115	-.00022	.00038	.07021	.00101	.06918
10.000	29.000	.00306	1.88671	.73384	-.00971	-.00182	-.00050	.00043	.07243	.00101	.07140
10.000	31.000	.00145	1.88671	.81731	-.01241	-.00095	-.00024	.00045	.07434	.00101	.07331
10.000	33.000	.00184	1.88671	.90174	-.01512	-.00129	-.00033	.00053	.07608	.00101	.07503
10.000	35.000	.00196	1.88671	.98682	-.01798	-.00142	-.00032	.00054	.07743	.00101	.07640
10.000	37.000	.00245	1.88671	1.07148	-.02123	-.00151	-.00045	.00052	.07883	.00101	.07780
10.000	39.000	.00278	1.88671	1.15929	-.02463	-.00184	-.00052	.00050	.07966	.00101	.07863
10.000	41.000	.00294	1.88671	1.24598	-.02775	-.00198	-.00057	.00052	.08031	.00101	.07929
10.000	43.000	.00340	1.88671	1.33330	-.03113	-.00191	-.00073	.00061	.08107	.00101	.08004
10.000	45.000	.00354	1.88671	1.42137	-.03385	-.00204	-.00079	.00060	.08095	.00101	.07992
10.000	45.268	.00348	1.88671	1.43190	-.03436	-.00217	-.00076	.00057	.08096	.00101	.07993
GRADIENT		.00011	.00000	.03418	-.00031	-.00004	-.00002	.00002	.00073	-.00000	.00073



AEDC VA474 (0477/76) (B26C977N7) (W116C26) (V8R3)

(INT046) (10 JAN 74)

REFERENCE DATA

SREF = 87.1980 80-IN. ZMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES ZMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .C130

BETA = .000 ELEVTR = -9.008
 AIRLOM = .000 BOFLAP = 16.300
 SPOBRK = 35.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 130/ 0 RN/L = 4.67 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	19.804	.00336	4.67100	.30736	-.02174	-.00235	-.00012	.00005	.08297	.00491	.03806
9.950	17.900	.00247	4.67100	.34363	-.02363	-.00188	-.00007	.00005	.06306	.00491	.03817
9.950	19.000	.00292	4.67100	.41169	-.02602	-.00194	-.00012	.00010	.08326	.00491	.03835
9.950	21.000	.00383	4.67100	.48337	-.02861	-.00191	-.00024	.00012	.06425	.00491	.03934
9.950	23.000	.00393	4.67100	.55875	-.03139	-.00180	-.00027	.00017	.06535	.00491	.06044
9.950	25.000	.00318	4.67100	.63763	-.03521	-.00211	-.00040	.00024	.06623	.00491	.06133
9.950	27.000	.00475	4.67100	.71930	-.03966	-.00242	-.00032	.00027	.06703	.00491	.06212
9.950	29.000	.00476	4.67100	.80365	-.04486	-.00256	-.00031	.00029	.06799	.00491	.06308
9.950	31.000	.00531	4.67100	.89014	-.05083	-.00217	-.00047	.00039	.06883	.00491	.06392
9.950	33.000	.00537	4.67100	.97930	-.05735	-.00261	-.00044	.00036	.06952	.00491	.06461
9.950	35.000	.00538	4.67100	1.06966	-.06432	-.00249	-.00052	.00043	.06974	.00491	.06483
9.950	37.000	.00569	4.67100	1.16087	-.07226	-.00214	-.00056	.00050	.06964	.00491	.06473
9.950	39.000	.00596	4.67100	1.25090	-.08012	-.00276	-.00055	.00045	.06925	.00491	.06435
9.950	41.000	.00514	4.67100	1.34033	-.08815	-.00284	-.00044	.00042	.06858	.00491	.06367
9.950	43.000	.00532	4.67100	1.42904	-.09646	-.00321	-.00044	.00045	.06808	.00491	.06317
9.950	45.000	.00638	4.67100	1.51594	-.10531	-.00342	-.00062	.00034	.06723	.00491	.06233
9.950	46.197	.00542	4.67100	1.57168	-.10931	-.00232	-.00059	.00039	.06563	.00491	.06072
GRADIENT		.00023	-.00000	.03597	-.00142	.00002	-.00003	.00002	.00037	-.00000	.00037

RUN NO. 890/ 0 RN/L = 3.51 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.000	19.774	.00336	3.51265	.27889	-.01421	-.00267	-.00013	-.00003	.03734	.00236	.01496
9.000	17.000	.00332	3.51265	.31267	-.01559	-.00269	-.00012	-.00010	.03778	.00236	.03540
9.000	19.000	.00376	3.51265	.37866	-.01766	-.00268	-.00019	-.00011	.03858	.00236	.03620
9.000	21.000	.00468	3.51265	.44977	-.02039	-.00259	-.00034	-.00006	.06013	.00236	.03773
9.000	23.000	.00490	3.51265	.52480	-.02477	-.00254	-.00038	-.00006	.06170	.00236	.03932
9.000	25.000	.00428	3.51265	.60382	-.02936	-.00217	-.00035	-.00006	.06342	.00236	.06104
9.000	27.000	.00516	3.51265	.68847	-.03445	-.00274	-.00042	-.00008	.06466	.00236	.06248
9.000	29.000	.00403	3.51265	.77172	-.04000	-.00275	-.00026	-.00014	.06629	.00236	.06391
9.000	31.000	.00442	3.51265	.85935	-.04594	-.00289	-.00032	-.00016	.06777	.00236	.06539
9.000	33.000	.00433	3.51265	.94837	-.05217	-.00263	-.00033	-.00012	.06889	.00236	.06651
9.000	35.000	.00440	3.51265	1.03867	-.05924	-.00268	-.00037	-.00004	.06941	.00236	.06703
9.000	37.000	.00480	3.51265	1.12862	-.06677	-.00241	-.00049	-.00003	.06958	.00236	.06720
9.000	39.000	.00566	3.51265	1.22045	-.07480	-.00272	-.00061	-.00011	.06977	.00236	.06739
9.000	41.000	.00527	3.51265	1.31113	-.08239	-.00241	-.00061	-.00010	.06934	.00236	.06696
9.000	43.000	.00518	3.51265	1.39881	-.09093	-.00241	-.00063	-.00012	.06879	.00236	.06641
9.000	45.000	.00537	3.51265	1.48835	-.09908	-.00234	-.00070	-.00012	.06801	.00236	.06563
9.000	46.197	.00520	3.51265	1.53434	-.10315	-.00223	-.00070	-.00019	.06744	.00236	.06506
GRADIENT		.00013	-.00000	.03350	-.00162	.00003	-.00003	.00000	.00067	-.00000	.00067

(RTN046) (10 JAN 74)

AEDC VA474(0477/78) (824097M7) (W110E28) (V083)

REFERENCE DATA

ORCF = 87.1900 IN. WHP = 12.6250 INCHES
LREF = 7.1220 INCHES WHP = .0000 INCHES
ORCF = 14.0320 INCHES WHP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -5.000
AILROM = .000 DBFLAP = 18.300
SPCRR = 55.000 RUDDER = .000

RUN NO. 1430/ 0 RM/L = 1.69 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYM	CBL	CA	CAB	CAF
10.000	15.717	.00070	1.68701	.27109	-.01086	-.00003	-.00015	.00016	.03746	.00098	.05644
10.000	17.000	.00120	1.68701	.30972	-.01110	-.00010	-.00024	.00014	.03778	.00098	.05676
10.000	18.000	.00224	1.68701	.37669	-.01236	-.00090	-.00036	.00018	.03950	.00098	.05848
10.000	21.000	.00222	1.68701	.44498	-.01585	-.00070	-.00041	.00023	.04080	.00098	.05977
10.000	23.000	.00211	1.68701	.52002	-.01492	-.00074	-.00039	.00025	.04240	.00098	.06136
10.000	25.000	.00155	1.68701	.59820	-.02345	-.00037	-.00029	.00028	.04392	.00098	.06290
10.000	27.000	.00202	1.68701	.67912	-.02837	-.00101	-.00035	.00026	.04556	.00098	.06454
10.000	29.000	.00192	1.68701	.76393	-.03389	-.00104	-.00033	.00027	.04692	.00098	.06590
10.000	31.000	.00116	1.68701	.85267	-.04002	-.00098	-.00016	.00030	.04858	.00098	.06756
10.000	33.000	.00187	1.68701	.94310	-.04664	-.00130	-.00030	.00035	.04984	.00098	.06887
10.000	35.000	.00204	1.68701	1.03278	-.05364	-.00135	-.00025	.00035	.05033	.00098	.06964
10.000	37.000	.00189	1.68701	1.12341	-.06164	-.00130	-.00033	.00033	.05067	.00098	.07013
10.000	39.000	.00273	1.68701	1.21772	-.06962	-.00181	-.00051	.00035	.05117	.00098	.07042
10.000	41.000	.00351	1.68701	1.31230	-.07796	-.00196	-.00073	.00037	.05144	.00098	.07046
10.000	43.000	.00347	1.68701	1.40712	-.08639	-.00192	-.00075	.00036	.05148	.00098	.07020
10.000	45.000	.00365	1.68701	1.50109	-.09472	-.00216	-.00081	.00040	.05122	.00098	.07072
10.000	47.000	.00310	1.68701	1.59522	-.10316	-.00256	-.00092	.00052	.05072	.00098	.07072

GRADIENT

DATE 28 AUG 74

TABULATED SOURCE DATA, AEDC VA474

PAGE 83

AEDC VA474 (0477/70) (BEC097M7) (W110020) (V003)

(RTN047) (10 JAN 74)

REFERENCE DATA

BREF = 87.1908 INCHES ZMP = 12.0250 INCHES
 LREF = 7.1228 INCHES YMP = .0000 INCHES
 BREF = 14.0320 INCHES ZMP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVAT = .000
 AIRLON = .000 BDFLAP = 16.300
 SPODER = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 210/ 0 RM/L = 4.63 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.760	.00248	4.62021	.31354	-.02753	-.00274	.00004	.00002	.06330	.00486	.03844
9.950	17.000	.00311	4.62021	.35188	-.02981	-.00293	.00002	.00004	.06334	.00486	.03848
9.950	19.000	.00347	4.62021	.42088	-.03342	-.00296	.00006	.00009	.06386	.00486	.03902
9.950	21.000	.00483	4.62021	.49387	-.03709	-.00316	.00022	.00016	.06499	.00486	.04013
9.950	23.000	.00362	4.62021	.51082	-.04128	-.00319	.00032	.00025	.06632	.00486	.04143
9.950	25.000	.00353	4.62021	.65142	-.04617	-.00286	.00036	.00034	.06739	.00486	.04232
9.950	27.000	.00491	4.62021	.73451	-.05106	-.00327	.00024	.00033	.06863	.00486	.04347
9.950	29.000	.00348	4.62021	.82100	-.05853	-.00340	.00031	.00042	.06961	.00486	.04474
9.950	31.000	.00618	4.62021	.90891	-.06370	-.00318	.00045	.00056	.07093	.00486	.04606
9.950	33.000	.00339	4.62021	.99950	-.07369	-.00318	.00036	.00053	.07260	.00486	.04716
9.950	35.000	.00346	4.62021	1.09177	-.08239	-.00306	.00040	.00063	.07357	.00486	.04821
9.950	37.000	.00363	4.62021	1.18448	-.09133	-.00300	.00043	.00070	.07460	.00486	.04944
9.950	39.000	.00349	4.62021	1.27645	-.10053	-.00329	.00042	.00068	.07530	.00486	.05068
9.950	41.000	.00494	4.62021	1.36664	-.10977	-.00331	.00033	.00067	.07629	.00486	.05183
9.950	43.000	.00537	4.62021	1.45677	-.11939	-.00333	.00042	.00071	.07716	.00486	.05288
9.950	45.000	.00606	4.62021	1.54727	-.12885	-.00331	.00059	.00078	.07727	.00486	.05340
9.950	45.972	.00650	4.62021	1.59017	-.13396	-.00340	.00068	.00093	.07704	.00486	.05418
GRADIENT		.00037	.00000	.03664	-.00290	-.00002	.00003	.00004	.00047	.00000	.00047

RUN NO. 760/ 0 RM/L = 3.54 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.814	.00282	3.54484	.28340	-.01846	-.00202	.00014	.00002	.03797	.00172	.03619
8.000	17.000	.00180	3.54484	.31490	-.02031	-.00284	.00022	.00003	.03842	.00172	.03664
8.000	19.000	.00372	3.54484	.38616	-.02341	-.00244	.00021	.00004	.03937	.00172	.03759
8.000	21.000	.00370	3.54484	.45821	-.02762	-.00190	.00028	.00001	.04093	.00172	.03915
8.000	23.000	.00461	3.54484	.53312	-.03288	-.00227	.00037	.00001	.04284	.00172	.04107
8.000	25.000	.00567	3.54484	.61621	-.03883	-.00281	.00030	.00002	.04472	.00172	.04294
8.000	27.000	.00460	3.54484	.70015	-.04348	-.00244	.00040	.00002	.04632	.00172	.04474
8.000	29.000	.00410	3.54484	.78757	-.05260	-.00274	.00028	.00006	.04801	.00172	.04653
8.000	31.000	.00433	3.54484	.87670	-.05983	-.00281	.00034	.00003	.04967	.00172	.04829
8.000	33.000	.00463	3.54484	.96758	-.06769	-.00271	.00039	.00002	.05131	.00172	.04992
8.000	35.000	.00398	3.54484	1.06013	-.07596	-.00228	.00033	.00003	.05293	.00172	.05094
8.000	37.000	.00389	3.54484	1.15223	-.08488	-.00226	.00036	.00010	.05450	.00172	.05158
8.000	39.000	.00430	3.54484	1.24374	-.09415	-.00231	.00044	.00012	.05612	.00172	.05219
8.000	41.000	.00442	3.54484	1.33782	-.10353	-.00229	.00048	.00010	.05783	.00172	.05285
8.000	43.000	.00438	3.54484	1.42439	-.11297	-.00232	.00053	.00020	.05950	.00172	.05340
8.000	45.000	.00511	3.54484	1.51737	-.12253	-.00270	.00061	.00028	.06128	.00172	.05490
8.000	45.906	.00506	3.54484	1.56746	-.12740	-.00239	.00063	.00034	.06342	.00172	.05644
GRADIENT		.00025	.00000	.03626	-.00219	-.00002	.00004	.00001	.00074	.00000	.00074

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V0R3)

(RTN047) (10 JAN 74)

REFERENCE DATA

BREF = 87.1580 38-IN. YMRP = 12.8250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 BOFLAP = 16.300
SPOBRX = 35.000 RUOVER = .000

RUN NO. 1330/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.550	.00144	1.88879	.27680	-.01481	-.00108	-.00018	.00012	.05830	.00083	.05742
10.090	17.000	.00237	1.88879	.32021	-.01573	-.00169	-.00035	.00010	.05865	.00084	.05776
10.090	19.000	.00171	1.88879	.38974	-.01848	-.00130	-.00022	.00015	.06031	.00084	.05942
10.090	21.000	.00233	1.88879	.46067	-.02208	-.00153	-.00033	.00022	.06144	.00084	.06056
10.090	23.000	.00255	1.88879	.53789	-.02730	-.00150	-.00039	.00026	.06336	.00084	.06248
10.090	25.000	.00264	1.88879	.62046	-.03316	-.00169	-.00040	.00025	.06481	.00084	.06393
10.090	27.000	.00321	1.88879	.70390	-.03983	-.00189	-.00032	.00024	.06675	.00084	.06586
10.090	29.000	.00369	1.88879	.79226	-.04678	-.00216	-.00061	.00023	.06853	.00084	.06765
10.090	31.000	.00280	1.88879	.88374	-.05481	-.00190	-.00044	.00029	.07017	.00084	.06928
10.090	33.000	.00245	1.88879	.97693	-.06313	-.00173	-.00039	.00033	.07140	.00084	.07051
10.090	35.000	.00262	1.88879	1.07108	-.07196	-.00179	-.00044	.00027	.07242	.00084	.07153
10.090	37.000	.00320	1.88879	1.16726	-.08159	-.00179	-.00061	.00028	.07350	.00084	.07261
10.090	39.000	.00325	1.88879	1.26340	-.09159	-.00183	-.00064	.00038	.07387	.00084	.07298
10.090	41.000	.00383	1.88879	1.35976	-.10117	-.00237	-.00076	.00035	.07426	.00084	.07338
10.090	43.000	.00397	1.88879	1.45960	-.11151	-.00263	-.00080	.00030	.07471	.00084	.07383
10.090	44.976	.00412	1.88879	1.55544	-.12116	-.00238	-.00092	.00042	.07450	.00084	.07362
GRADIENT		.00009	.00000	.03638	-.00195	-.00004	-.00002	.00002	.00071	-.00000	.00071

DATE 28 AUG 74

TABULATED SOURCE DATA, AEDC VA474

PAGE 87

AEDC VA474 (0A77/78) (B26C9F7M7) (W110E20) (V8R5)

(RTN048) (10 JAN 74)

REFERENCE DATA

BREF = 97.1500 INCHES ZMRP = 12.6250 INCHES
 LREF = 7.1250 INCHES ZMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILRON = .000 BDFLAP = 16.300
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 40/ 0 RN/L = 1.80 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.716	.00134	1.86291	.31294	-.02497	-.00320	-.00001	-.00012	.06331	.00425	.05903
5.950	17.000	.00108	1.86291	.35444	-.02696	-.00298	.00004	-.00013	.06375	.00425	.05949
5.950	19.000	.00156	1.86291	.42303	-.03004	-.00323	-.00008	-.00010	.06396	.00425	.05971
5.950	21.000	.00177	1.86291	.49764	-.03305	-.00292	-.00019	.00003	.06496	.00425	.06070
5.950	23.000	.00190	1.86291	.57331	-.03799	-.00297	-.00023	.00006	.06593	.00425	.06167
5.950	25.000	.00156	1.86291	.65404	-.04301	-.00284	-.00015	.00015	.06682	.00425	.06257
5.950	27.000	.00134	1.86291	.73636	-.04950	-.00254	-.00012	.00020	.06791	.00425	.06363
5.950	29.000	.00150	1.86291	.82518	-.05582	-.00356	-.00006	.00019	.06922	.00425	.06496
5.950	31.000	.00204	1.86291	.91190	-.06277	-.00391	-.00021	.00032	.07055	.00425	.06630
5.950	33.000	.00201	1.86291	1.00215	-.07183	-.00376	-.00023	.00039	.07197	.00425	.06772
5.950	35.000	.00193	1.86291	1.18799	-.08066	-.00377	-.00022	.00048	.07360	.00425	.06851
5.950	37.000	.00182	1.86291	1.37348	-.09009	-.00348	-.00022	.00049	.07418	.00425	.06934
5.950	39.000	.00174	1.86291	1.55882	-.10099	-.00310	-.00016	.00049	.07446	.00425	.06992
5.950	41.000	.00142	1.86291	1.74678	-.11979	-.00356	-.00024	.00053	.07443	.00425	.07020
5.950	43.000	.00173	1.86291	1.93478	-.13016	-.00307	-.00017	.00056	.07494	.00425	.07017
5.950	45.000	.00134	1.86291	2.12287	-.14152	-.00405	-.00029	.00057	.07435	.00425	.07069
5.950	45.268	.00192	1.86291	2.31178	-.15655	-.00405	-.00029	.00057	.07435	.00425	.07069
GRADIENT		.00006	.00000	.03675	-.00191	.00003	-.00002	.00003	.00038	-.00000	.00038

RUN NO. 690/ 0 RN/L = 1.84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
7.980	15.634	.00095	1.84009	.27846	-.01843	-.00055	-.00019	-.00011	.03824	.00238	.05581
7.980	17.000	.00126	1.84009	.31904	-.01984	-.00124	-.00019	-.00013	.03889	.00238	.05646
7.980	19.000	.00207	1.84009	.38554	-.02221	-.00204	-.00032	-.00016	.03975	.00238	.05732
7.980	21.000	.00252	1.84009	.47664	-.02499	-.00184	-.00048	-.00007	.04097	.00238	.05855
7.980	23.000	.00246	1.84009	.53330	-.03009	-.00152	-.00051	-.00007	.04252	.00238	.06009
7.980	25.000	.00293	1.84009	.61312	-.03333	-.00200	-.00060	-.00007	.04415	.00238	.06173
7.980	27.000	.00278	1.84009	.69679	-.04142	-.00224	-.00054	-.00013	.04578	.00238	.06335
7.980	29.000	.00216	1.84009	.78235	-.04856	-.00191	-.00041	-.00018	.04774	.00238	.06531
7.980	31.000	.00269	1.84009	.87003	-.05629	-.00236	-.00053	-.00017	.04953	.00238	.06710
7.980	33.000	.00213	1.84009	.96187	-.06476	-.00193	-.00043	-.00018	.05138	.00238	.06895
7.980	35.000	.00229	1.84009	1.05473	-.07454	-.00216	-.00046	-.00016	.05311	.00238	.07069
7.980	37.000	.00272	1.84009	1.14811	-.08466	-.00203	-.00064	-.00001	.05495	.00238	.07232
7.980	39.000	.00289	1.84009	1.23992	-.09373	-.00202	-.00065	.00005	.05752	.00238	.07330
7.980	41.000	.00281	1.84009	1.33110	-.10271	-.00220	-.00070	.00008	.057614	.00238	.07372
7.980	43.000	.00284	1.84009	1.42135	-.11181	-.00212	-.00075	.00011	.07806	.00238	.07363
7.980	45.000	.00275	1.84009	1.50954	-.12072	-.00173	-.00080	.00009	.07835	.00238	.07392
7.980	45.437	.00296	1.84009	1.59263	-.12287	-.00200	-.00085	.00012	.07869	.00238	.07366
GRADIENT		.00021	.00000	.03586	-.00178	-.00011	-.00005	.00001	.00063	.00000	.00063

AEDC VA474 (0A77/78) (B26C9F7N7) (W116E26) (V8R3)

(RTN048) (10 JAN 74)

REFERENCE DATA

SREF = 87.1560 SQ.IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILROM = .000 BOFLAP = 16.300
SPDRK = 55.000 RUDDER = .000

RUN NO. 1330/ 0 RN/L = 1.89 GRADIENT I..TERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.550	.00144	1.88879	.27680	-.01481	-.00108	-.00018	.00012	.03830	.00085	.03742
10.090	17.000	.00257	1.88879	.32021	-.01373	-.00169	-.00035	.00010	.03865	.00084	.03776
10.090	19.000	.00171	1.88879	.38974	-.01848	-.00130	-.00022	.00015	.06031	.00084	.03942
10.090	21.000	.00233	1.88879	.46567	-.02208	-.00133	-.00033	.00022	.06144	.00084	.06056
10.090	23.000	.00255	1.88879	.53789	-.02730	-.00150	-.00039	.00026	.06336	.00084	.06248
10.090	25.000	.00264	1.88879	.62046	-.03316	-.00169	-.00040	.00025	.06481	.00084	.06393
10.090	27.000	.00321	1.88879	.70390	-.03983	-.00189	-.00052	.00024	.06675	.00084	.06586
10.090	29.000	.00369	1.88879	.79226	-.04678	-.00216	-.00061	.00023	.06853	.00084	.06765
10.090	31.000	.00280	1.88879	.88374	-.05481	-.00190	-.00044	.00029	.07017	.00084	.06928
10.090	33.000	.00245	1.88879	.97695	-.06313	-.00173	-.00039	.00033	.07140	.00084	.07051
10.090	35.000	.00262	1.88879	1.07198	-.07196	-.00179	-.00044	.00027	.07242	.00084	.07153
10.090	37.000	.00320	1.88879	1.16726	-.08159	-.00179	-.00061	.00028	.07350	.00084	.07261
10.090	39.000	.00325	1.88879	1.26340	-.09159	-.00183	-.00064	.00038	.07387	.00084	.07298
10.090	41.000	.00383	1.88879	1.35976	-.10117	-.00237	-.00076	.00035	.07426	.00084	.07338
10.090	43.000	.00397	1.88873	1.45960	-.11151	-.00263	-.00080	.00035	.07471	.00084	.07383
10.090	44.976	.00412	1.88879	1.55544	-.12116	-.00238	-.00092	.00042	.07450	.00084	.07362
GRADIENT		.00009	.00000	.03638	-.00195	-.00004	-.00002	.00002	.00071	-.00000	.00071

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

PAGE 69

AEDC VA474(0477/78) (B26C8F7M) (M116E26) (V083)

(RTN048) (10 JAN 74)

REFERENCE DATA

REF = 97.1560 50.1N. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILROM = .000 BDFLAP = 16.300
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 810/ 0 RN/L = .95 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.910	15.566	.00063	.94881	.30612	-.02468	-.00079	-.00027	-.00013	.06245	.00312	.03696
9.910	17.000	.00037	.94881	.34848	-.02708	-.00083	-.00023	-.00013	.06291	.00332	.03942
9.910	19.000	.00072	.94881	.41673	-.03027	-.00126	-.00028	-.00011	.06356	.00352	.06007
9.910	21.000	.00099	.94881	.48967	-.03343	-.00125	-.00045	-.00028	.06458	.00352	.06109
9.910	23.000	.00113	.94881	.56597	-.03804	-.00107	-.00056	.00008	.06505	.00352	.06156
9.910	25.000	.00146	.94881	.64588	-.04299	-.00198	-.00068	.00012	.06621	.00352	.06272
9.910	27.000	.00100	.94881	.72798	-.04942	-.00115	-.00049	.00011	.06758	.00352	.06410
9.910	29.000	.00118	.94881	.81291	-.05582	-.00193	-.00053	.00009	.06887	.00352	.06538
9.910	31.000	.00113	.94881	.90073	-.06298	-.00228	-.00046	.00011	.07081	.00352	.06732
9.910	33.000	.00090	.94881	.99009	-.07097	-.00170	-.00040	.00019	.07215	.00352	.06866
9.910	35.000	.00139	.94881	1.08030	-.07907	-.00275	-.00062	.00022	.07317	.00352	.06968
9.910	37.000	.00120	.94881	1.17158	-.08816	-.00214	-.00058	.00027	.07400	.00352	.07051
9.910	39.000	.00124	.94881	1.26206	-.09726	-.00226	-.00062	.00032	.07421	.00352	.07072
9.910	41.000	.00117	.94881	1.35310	-.10690	-.00245	-.00058	.00038	.07414	.00352	.07085
9.910	43.000	.00084	.94881	1.44416	-.11655	-.00271	-.00044	.00043	.07346	.00352	.06997
9.910	44.943	.00135	.94881	1.53397	-.12721	-.00241	-.00078	.00047	.07441	.00352	.07093
GRADIENT		.00009	.00000	.03621	-.00190	-.00010	-.00005	.00003	.00039	.00000	.00039

RUN NO. 1765/ 0 RN/L = .84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.930	15.667	.00037	.84185	.27209	-.01385	-.00020	-.00017	.00011	.06104	.00031	.06072
9.930	17.000	.00026	.84185	.31310	-.01432	-.00019	-.00016	.00013	.06166	.00031	.06134
9.930	19.000	.00048	.84185	.37967	-.01562	-.00025	-.00023	.00015	.06240	.00031	.06208
9.930	21.000	.00055	.84185	.44696	-.01845	-.00039	-.00025	.00020	.06331	.00031	.06299
9.930	23.000	.00069	.84185	.52136	-.02224	-.00077	-.00028	.00023	.06468	.00031	.06436
9.930	25.000	.00069	.84185	.59852	-.02672	-.00106	-.00031	.00027	.06678	.00032	.06646
9.930	27.000	.00123	.84185	.68231	-.03145	-.00126	-.00034	.00026	.06880	.00031	.06848
9.930	29.000	.00072	.84185	.76474	-.03801	-.00105	-.00029	.00036	.06940	.00032	.06908
9.930	31.000	.00032	.84185	.85432	-.04509	-.00076	-.00021	.00036	.07140	.00032	.07108
9.930	33.000	.00063	.84185	.94574	-.05306	-.00077	-.00028	.00032	.07288	.00032	.07256
9.930	35.000	.00116	.84185	1.03369	-.06110	-.00102	-.00028	.00032	.07413	.00032	.07380
9.930	37.000	.00097	.84185	1.12175	-.07026	-.00044	-.00056	.00069	.07488	.00032	.07456
9.930	39.000	.00035	.84185	1.21325	-.07934	-.00018	-.00021	.00073	.07618	.00032	.07586
9.930	41.000	.00116	.84185	1.30950	-.08934	-.00103	-.00065	.00075	.07705	.00032	.07673
9.930	43.000	.00089	.84185	1.40340	-.09902	-.00030	-.00036	.00087	.07773	.00032	.07741
9.930	44.492	.00086	.84185	1.47365	-.10581	.00002	-.00061	.00095	.07773	.00032	.07741
GRADIENT		.00005	.00000	.03492	-.00138	-.00008	-.00002	.00002	.00038	.00000	.00038

AEDC VA474 (0A77/78) (826C9F7M7) (W116E26) (V8R5)

(RTND50) (10 JAN 74)

REFERENCE DATA

SREF = 97.1560 56.1N. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILRON = .000 BDFLAP = 16.300
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 1130/ 0 RN/L = 3.47 GRADIENT INTERVAL = -.500/ 5.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	-2.615	-0.0283	3.47412	-.09219	-.02858	-.00172	.00058	-.00011	.08507	.00218	.08288
8.000	-2.000	-0.0437	3.47412	-.08340	-.02848	-.00093	.00068	-.00011	.08317	.00218	.08098
8.000	.000	-0.0345	3.47412	-.05286	-.02721	-.00136	.00062	-.00017	.07642	.00218	.07421
8.000	2.900	-0.0351	3.47412	-.02227	-.02431	-.00118	.00065	-.00018	.07246	.00218	.07025
8.000	4.050	-0.0132	3.47412	.01026	-.02148	-.00078	.00027	-.00010	.06834	.00218	.06613
8.000	6.000	-0.0129	3.47412	.04607	-.01880	-.00104	.00030	-.00012	.06496	.00218	.06275
8.000	8.000	-0.0019	3.47412	.08585	-.01680	-.00120	.00017	-.00009	.06204	.00218	.05983
8.000	10.000	.0034	3.47412	.12936	-.01515	-.00121	.00010	-.00004	.06050	.00218	.05829
8.000	12.000	.00147	3.47412	.18035	-.01641	-.00117	-.00005	.00004	.05932	.00218	.05711
8.000	14.000	.00218	3.47412	.23663	-.01826	-.00143	-.00005	.00006	.05882	.00218	.05661
8.000	16.000	.00161	3.47412	.29826	-.02070	-.00138	-.00005	.00005	.05895	.00218	.05674
8.000	18.000	.00259	3.47412	.36361	-.02350	-.00182	-.00013	.00005	.05985	.00218	.05764
8.000	20.000	.00240	3.47412	.43303	-.02718	-.00153	-.00015	.00009	.06114	.00218	.05893
8.000	22.000	.00316	3.47412	.50596	-.03171	-.00157	-.00025	.00010	.06252	.00218	.06031
8.000	24.000	.00291	3.47412	.58258	-.03736	-.00138	-.00025	.00012	.06424	.00218	.06293
8.000	26.000	.00575	3.47412	.66368	-.04344	-.00280	-.00049	.00008	.06542	.00218	.06321
8.000	28.898	.00530	3.47412	.70433	-.04629	-.00185	-.00029	.00006	.06640	.00218	.06419
GRADIENT		.00027	.00000	.01546	.00109	.00008	-.00004	-.00000	-.00254	.00000	-.00254

AEDC VA474 (0A77/78) (826C9F7M7) (W116E26) (V8R5)

(RTND51) (10 JAN 74)

REFERENCE DATA

SREF = 87.1560 56.1N. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 20.000 ELEVTR = .000
 AILRON = .000 BDFLAP = 16.300
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 221/ 0 RN/L = 4.62 GRADIENT INTERVAL = -.500/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	-5.063	20.49210	4.62489	-.50062	-.03875	.03881	.00603	.00747	.06377	.00480	.05892
5.950	-3.036	20.51130	4.62489	.49823	-.03750	.02193	.00331	.00470	.06296	.00476	.05814
5.950	.005	20.49960	4.62489	.48165	-.03536	-.00334	-.00019	.00017	.06462	.00455	.06003
5.950	2.064	20.50750	4.62489	.48106	-.03524	-.01994	-.00275	-.00295	.06590	.00473	.06024
5.950	4.096	20.49100	4.62489	.48112	-.03588	-.03889	-.00481	-.00616	.06554	.00481	.06069
5.950	6.144	20.51550	4.62489	.48312	-.03680	-.03823	-.00706	-.00919	.06672	.00487	.06180
5.950	8.178	20.54840	4.62489	.48322	-.03598	-.07812	-.00956	-.01195	.06631	.00496	.06331
5.950	10.209	20.56140	4.62489	.48367	-.03447	-.09889	-.01198	-.01469	.06681	.00486	.06489
GRADIENT		-.00227	.00000	-.00237	.00021	-.00847	-.00118	-.00152	.00036	.00001	.00035

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8R5)

(RTN032) (10 JAN 74)

REFERENCE DATA

BREF = 87.1500 50-IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

ALPHA = 25.000 ELEVTR = .000
 AILRON = .000 BDFLAP = 16.300
 SPDPRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 222/ 0 RN/L = 4.63 GRADIENT INTERVAL = -5.00/ 5.0

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	-5.084	25.60030	4.62590	.70112	-.05100	-.03553	-.00710	.00855	.06671	.00487	.06197
5.950	-2.968	25.60980	4.62590	.69674	-.04978	.01891	.00419	.00502	.06547	.00473	.06071
5.950	.005	25.69320	4.62590	.68819	-.04726	-.00376	-.00024	.00034	.06738	.00443	.06290
5.950	2.070	25.65980	4.62590	.68491	-.04798	-.02009	-.00351	-.00326	.06775	.00476	.06292
5.950	4.062	25.71700	4.62590	.68869	-.04895	-.03665	-.00816	-.00681	.06827	.00489	.06330
5.950	6.123	25.71900	4.62590	.69266	-.04924	-.03478	-.00881	-.01048	.06937	.00466	.06481
5.950	8.187	25.73590	4.62590	.68957	-.04885	-.07363	-.01158	-.01398	.07058	.00485	.06563
5.950	10.151	25.76340	4.62590	.68610	-.04809	-.09313	-.01415	-.01750	.07167	.00482	.06673
5.950	GRADIENT	.01288	.00000	-.00128	.00011	-.00787	-.00148	-.00168	.00039	.00003	.00035

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8R5)

(RTN033) (10 JAN 74)

REFERENCE DATA

BREF = 87.1500 50-IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

ALPHA = 30.000 ELEVTR = .000
 AILRON = .000 BDFLAP = 16.300
 SPDPRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 223/ 0 RN/L = 4.62 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	-5.107	30.87760	4.62252	.91785	-.06801	-.03598	.00622	.01045	.07013	.00466	.06341
5.950	-3.086	30.88600	4.62252	.91947	-.06720	.01937	.00359	.00627	.06924	.00464	.06454
5.950	-.012	30.89830	4.62252	.92056	-.06626	-.00306	-.00044	.00013	.06870	.00461	.06403
5.950	2.040	30.90490	4.62252	.92043	-.06646	-.02164	-.00298	-.00413	.06885	.00456	.06419
5.950	4.060	30.90980	4.62252	.91922	-.06703	-.03834	-.00545	-.00845	.06961	.00453	.06493
5.950	6.081	30.91640	4.62252	.91740	-.06743	-.05451	-.00860	-.01230	.07054	.00452	.06587
5.950	8.106	30.92340	4.62252	.91341	-.06751	-.07115	-.01179	-.01608	.07136	.00455	.06663
5.950	10.163	30.93330	4.62252	.90819	-.06697	-.08901	-.01523	-.02017	.07255	.00467	.06772
5.950	GRADIENT	.00336	.00000	-.00002	.00003	-.00810	-.00127	-.00206	.00004	-.00002	.00005

AEBC VA474 (OA77/76) (B26C9F7M7) (W1,6E26) (V8R3)

(RTN054) (10 JAN 74)

REFERENCE DATA

DATE	TIME	YHRP	INCHES
0823	07.190	50.1 M.	12.0250
0827	7.120	INCHES	.0000
0830	14.0920	INCHES	-.3750
0837	0.10		

RUN NO. 224/ 0 RN/L = 4.62 GRADIENT INTERVAL = -5.00/ 5.00

	BETA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
MACM	3.950	36.10320	4.62377	1.14791	-.04829	.03366	.00691	.01147	.07320	.00441	.06864
	-3.122	36.09740	4.62377	1.14902	-.08787	.00364	.00349	.01864	.07217	.00437	.06812
	-3.063	36.14030	4.62377	1.15162	-.08688	.00362	.00040	.05074	.07207	.00429	.06784
	2.010	36.06650	4.62377	1.15938	-.09059	.00189	-.00253	-.05448	.06991	.00451	.06440
	4.046	36.06280	4.62377	1.15602	-.09031	.03421	.00615	-.05878	.06975	.00431	.06329
	6.066	36.09630	4.62377	1.15385	-.08999	.04998	-.00946	-.01320	.07084	.00423	.06642
	8.107	36.08320	4.62377	1.14869	-.08840	.06657	.01276	-.02765	.07158	.00410	.06717
	10.096	36.07030	4.62377	1.14100	-.08962	.08360	.01606	-.02193	.07254	.00430	.06803
GRADIENT	-.00671	-.00500	-.00500	.00124	-.00044	-.00744	.00132	-.00228	-.00051	-.00003	-.00050

REFERENCE DATA

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REF = 07.1560 50. IN.      XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES      YMRP = .0000 INCHES
OREF = 14.0920 INCHES     ZMRP = -.3750 INCHES
SCALE = .0150

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RUN NO. 1320/ 0 RN/L = 1.90 GRADIENT INTERVAL = 14.00/ 25.55

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.050	15.723	-0.0199	1.90237	.32199	-.01314	-.00099	-.00031	.00006	-.05943	.00094	.003647
0.080	17.000	-0.0030	1.90237	.32127	-.01365	-.00045	-.00001	.00004	.00002	.00004	.00906
0.090	18.000	-0.0169	1.90237	.39026	-0.01618	-.00112	-0.00023	.00058	.06134	.00094	.06038
0.100	21.000	-0.0117	1.90237	.46200	-.02194	-.00079	-.00016	.00014	.06293	.00094	.06197
0.080	23.000	-0.0254	1.90237	.53919	-.02698	-.00149	-0.00039	.00015	.06476	.00094	.06380
0.080	25.000	-0.0162	1.90237	.62185	-.03285	-.00130	-0.00026	.00020	.06680	.00094	.06584
0.080	27.000	-0.0255	1.90237	.70627	-.03895	-.00174	-.00038	.00013	.06804	.00094	.06758
0.080	29.000	-0.0315	1.90237	.79342	-.04667	-.00206	-.00049	.00015	.07039	.00094	.06943
0.090	31.000	-0.0249	1.90237	.88579	-.05447	-.00162	-.00040	.00025	.07235	.00094	.07139
0.080	33.000	-0.0259	1.90237	.97971	-.06287	-.00163	-.00044	.00028	.07390	.00094	.07293
0.080	35.000	-0.0288	1.90237	1.07265	-.07201	-.00173	-.00051	.00029	.07553	.00094	.07407
0.080	37.000	-0.0288	1.90237	1.16949	-.08111	-.00199	-.00050	.00018	.07703	.00094	.07507
0.080	39.000	-0.0281	1.90237	1.26667	-.09095	-.00240	-.00045	.00021	.07791	.00094	.07604
0.080	41.000	-0.0308	1.90237	1.36376	-.10099	-.00289	-.00053	.00018	.07760	.00094	.07663
0.080	43.000	-0.0358	1.90237	1.46145	-.11116	-.00320	-.00074	.00020	.07810	.00094	.07713
0.080	44.881	-0.0397	1.90237	1.55479	-.12024	-.00343	-.00094	.00038	.07815	.00094	.07719
0.080	GRACIST	-0.0009	.00000	.03660	-.00192	-.00007	-.00001	.00000	.00000	-.00000	.00000



AEDC VA474 (0477/70) (026C9FTMT) (W110E261) (V083)

(RTW038) (10 JAN 74)

REFERENCE DATA

BREF = 07.1500 IN. INRP = 12.0250 INCHES
LREF = 7.1220 INCHES TMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

BETA = .000 ELEVTR = 5.000
AILRON = .000 BDFLAP = 16.300
SPDRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 230/ 0 RN/L = 4.67 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.632	.00237	4.66651	.32365	-.03630	-.00191	-.00008	.00018	.06479	.00489	.05991
5.950	17.000	.00328	4.66651	.36321	-.03943	-.00217	-.00013	.00022	.06313	.00489	.06023
5.950	19.000	.00392	4.66651	.43391	-.04433	-.00237	-.00019	.00029	.06603	.00489	.06116
5.950	21.000	.00490	4.66651	.50901	-.04934	-.00240	-.00031	.00038	.06752	.00489	.06284
5.950	23.000	.00597	4.66651	.58749	-.05485	-.00255	-.00044	.00049	.06942	.00489	.06454
5.950	25.000	.00824	4.66651	.66986	-.06108	-.00254	-.00049	.00060	.07091	.00489	.06603
5.950	27.000	.00844	4.66651	.75338	-.06821	-.00334	-.00045	.00065	.07266	.00489	.06777
5.950	29.000	.00816	4.66651	.84312	-.07614	-.00307	-.00044	.00078	.07423	.00489	.06934
5.950	31.000	.00627	4.66651	.93271	-.08486	-.00259	-.00033	.00094	.07615	.00489	.07126
5.950	33.000	.00662	4.66651	1.02460	-.09422	-.00316	-.00032	.00093	.07773	.00489	.07285
5.950	35.000	.00612	4.66651	1.11876	-.10433	-.00263	-.00034	.00104	.07897	.00489	.07408
5.950	37.000	.00642	4.66651	1.21275	-.11434	-.00236	-.00062	.00114	.08012	.00489	.07524
5.950	39.000	.00653	4.66651	1.30555	-.12434	-.00291	-.00061	.00113	.08089	.00489	.07601
5.950	41.000	.00610	4.66651	1.39756	-.13335	-.00294	-.00057	.00113	.08155	.00489	.07666
5.950	43.000	.00634	4.66651	1.48865	-.14358	-.00320	-.00061	.00118	.08209	.00489	.07711
5.950	45.000	.00719	4.66651	1.57923	-.15738	-.00344	-.00075	.00127	.08207	.00489	.07719
5.950	46.003	.00668	4.66651	1.62074	-.16283	-.00301	-.00074	.00129	.08171	.00489	.07683
GRADIENT		.00041	.00000	.03758	-.00266	-.00006	-.00005	.00005	.00069	-.00000	.00069

RUN NO. 900/ 0 RN/L = 3.51 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
6.000	15.740	.00227	3.50915	.29196	-.02376	-.00165	-.00011	.00012	.05879	.00210	.05666
6.000	17.000	.00448	3.50915	.32865	-.02866	-.00296	-.00023	.00012	.05992	.00209	.05779
6.000	19.000	.00338	3.50915	.39900	-.03275	-.00214	-.00020	.00016	.06067	.00210	.05854
6.000	21.000	.00345	3.50915	.47348	-.03841	-.00158	-.00029	.00022	.06261	.00210	.06040
6.000	23.000	.00511	3.50915	.55204	-.04349	-.00226	-.00045	.00029	.06505	.00210	.06292
6.000	25.000	.00523	3.50915	.63480	-.05294	-.00228	-.00047	.00034	.06739	.00210	.06526
6.000	27.000	.00493	3.50915	.72077	-.06105	-.00221	-.00045	.00036	.06972	.00210	.06759
6.000	29.000	.00444	3.50915	.80984	-.06969	-.00248	-.00036	.00031	.07203	.00210	.06990
6.000	31.000	.00488	3.50915	.90048	-.07857	-.00240	-.00045	.00036	.07450	.00210	.07237
6.000	33.000	.00480	3.50915	.99369	-.08798	-.00233	-.00046	.00041	.07645	.00210	.07432
6.000	35.000	.00459	3.50915	1.08750	-.09778	-.00232	-.00045	.00046	.07790	.00210	.07577
6.000	37.000	.00481	3.50915	1.18194	-.10796	-.00236	-.00035	.00055	.07920	.00210	.07707
6.000	39.000	.00495	3.50915	1.27602	-.11851	-.00226	-.00035	.00063	.08051	.00215	.07838
6.000	41.000	.00462	3.50915	1.36848	-.12896	-.00202	-.00035	.00072	.08118	.00210	.07955
6.000	43.000	.00528	3.50915	1.46019	-.13928	-.00234	-.00065	.00079	.08186	.00210	.07973
6.000	45.000	.00493	3.50915	1.55062	-.15002	-.00232	-.00062	.00089	.08231	.00210	.08019
6.000	46.000	.00521	3.50915	1.59516	-.15452	-.00231	-.00067	.00093	.08244	.00210	.08031
GRADIENT		.00023	.00000	.03723	-.00291	-.00000	-.00004	.00003	.00092	.00000	.00092

AEDC VA474 (0477/70) (J26C9F7M7) (W116E20) (V8R3)

(RTN036) (10 JAN 74)

REFERENCE DATA

SREF = 07.1500 30.1M. YMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0150 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = 9.000
 AILROM = .000 BDFLAP = 16.300
 SPDERK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 1490/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.070	.00140	1.88680	.28846	-.02171	-.00102	-.00019	.00032	.03878	.00097	.03779
10.090	17.000	.00297	1.88680	.32745	-.02314	-.00158	-.00045	.00035	.03907	.00097	.03807
10.090	19.000	.00140	1.88680	.39870	-.02725	-.00096	-.00021	.00038	.06143	.00097	.06044
10.090	21.000	.00253	1.88680	.46867	-.03221	-.00128	-.00041	.00049	.06265	.00097	.06186
10.090	23.000	.00394	1.88680	.54594	-.03887	-.00157	-.00070	.00055	.06497	.00097	.06397
10.090	25.000	.00289	1.88680	.62597	-.04575	-.00124	-.00051	.00056	.06716	.00097	.06616
10.090	27.000	-.00096	1.88680	.71538	-.05382	-.00077	.00032	.00061	.06931	.00097	.06832
10.090	29.000	.00346	1.88680	.80292	-.06277	-.00187	-.00059	.00068	.07192	.00097	.07093
10.090	31.000	.00191	1.88680	.89342	-.07169	-.00123	-.00031	.00077	.07396	.00097	.07297
10.090	33.000	.00255	1.88680	.98345	-.08143	-.00165	-.00044	.00065	.07617	.00097	.07517
10.090	35.000	.00261	1.88680	1.08409	-.09112	-.00161	-.00047	.00091	.07798	.00097	.07699
10.090	37.000	.00361	1.88680	1.17945	-.10219	-.00210	-.00068	.00095	.07924	.00097	.07824
10.090	39.000	.00383	1.88680	1.27567	-.11292	-.00243	-.00073	.00105	.08081	.00097	.07982
10.090	41.000	.00383	1.88680	1.37191	-.12380	-.00247	-.00075	.00108	.08222	.00097	.08123
10.090	43.000	.00392	1.88680	1.47063	-.13493	-.00248	-.00081	.00110	.08359	.00097	.08260
10.090	44.928	.00400	1.88680	1.56361	-.14512	-.00229	-.00089	.00119	.08426	.00097	.08326
	GRADIENT	.00016	.00000	.03680	-.00265	-.00002	-.00004	.00003	.00092	.00000	.00092

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(104777/0) (026097M7) (1110226) (V083)

(INT057) (10 JAN 74)

REFERENCE DATA

REF = 07-1960 50-1M. YMRP = 12.8250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

BETA = .000 ELEVTR = 10.000
AILRON = .000 BOFLAP = 16.500
SPDRK = 59.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 280/ 0 RN/L = 4.69 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.740	.00181	4.69105	34059	-.04949	-.00276	.00012	-.00030	.06888	.00482	.06406
5.950	17.000	.00184	4.69105	34360	-.03361	-.00274	.00011	-.00029	.06876	.00482	.06394
5.950	19.000	.00267	4.69105	45609	-.06075	-.00312	.00006	-.00024	.07103	.00482	.06821
5.950	21.000	.00323	4.69105	53296	-.06772	-.00287	-.00005	-.00019	.07351	.00482	.06869
5.950	23.000	.00388	4.69105	61420	-.07527	-.00300	-.00012	-.00015	.07659	.00482	.07127
5.950	25.000	.00438	4.69105	69886	-.08347	-.00323	-.00019	-.00006	.07844	.00482	.07362
5.950	27.000	.00398	4.69105	78612	-.09236	-.00330	-.00011	-.00005	.08084	.00482	.07602
5.950	29.000	.00397	4.69105	87572	-.10199	-.00367	-.00007	-.00002	.08333	.00482	.07851
5.950	31.000	.00431	4.69105	96796	-.11251	-.00327	-.00018	.00005	.08593	.00482	.08111
5.950	33.000	.00340	4.69105	1.06184	-.12366	-.00333	-.00006	.00007	.08878	.00482	.08396
5.950	35.000	.00362	4.69105	1.15714	-.13502	-.00355	-.00007	.00003	.09110	.00482	.08628
5.950	37.000	.00326	4.69105	1.25265	-.14670	-.00341	-.00005	.00006	.09311	.00482	.08890
5.950	39.000	.00324	4.69105	1.34898	-.15827	-.00369	-.00003	.00001	.09472	.00482	.09159
5.950	41.000	.00408	4.69105	1.43931	-.16997	-.00412	-.00012	.00001	.09641	.00482	.09275
5.950	43.000	.00325	4.69105	1.53259	-.18156	-.00374	-.00005	.00008	.09757	.00482	.09320
5.950	45.000	.00363	4.69105	1.62599	-.19389	-.00418	-.00008	.00011	.09802	.00482	.09369
5.950	45.824	.00281	4.69105	1.66868	-.20018	-.00391	-.00000	.00010	.09851	.00482	.09369
GRADIENT		.00031	.00000	.03867	-.00365	-.00004	-.00004	.00003	.00110	.00000	.00110

RUN NO. 990/ 0 RN/L = 3.48 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.835	.00060	3.48002	30804	-.03873	-.00112	.00006	-.00018	.06230	.00219	.06009
8.000	17.000	.00194	3.48002	34578	-.04207	-.00194	-.00003	-.00023	.06325	.00219	.06103
8.000	19.000	.00180	3.48002	41734	-.04842	-.00159	-.00005	-.00025	.06329	.00219	.06308
8.000	21.000	.00305	3.48002	49385	-.05613	-.00189	-.00020	-.00027	.06820	.00219	.06599
8.000	23.000	.00308	3.48002	57524	-.06498	-.00202	-.00019	-.00025	.07139	.00219	.06918
8.000	25.000	.00407	3.48002	66012	-.07451	-.00241	-.00029	-.00027	.07469	.00219	.07248
8.000	27.000	.00339	3.48002	74687	-.08456	-.00218	-.00023	-.00027	.07784	.00219	.07562
8.000	29.000	.00259	3.48002	84035	-.09481	-.00214	-.00012	-.00033	.08116	.00219	.07895
8.000	31.000	.00435	3.48002	93304	-.10518	-.00324	-.00027	-.00030	.08446	.00219	.08225
8.000	33.000	.00370	3.48002	1.02781	-.11631	-.00271	-.00024	-.00028	.08752	.00219	.08531
8.000	35.000	.00346	3.48002	1.12334	-.12802	-.00246	-.00025	-.00026	.09015	.00219	.08794
8.000	37.000	.00400	3.48002	1.21970	-.13968	-.00285	-.00030	-.00026	.09213	.00219	.08992
8.000	39.000	.00399	3.48002	1.31473	-.15124	-.00280	-.00033	-.00027	.09414	.00219	.09193
8.000	41.000	.00482	3.48002	1.40884	-.16269	-.00323	-.00044	-.00028	.09574	.00219	.09353
8.000	43.000	.00464	3.48002	1.50127	-.17425	-.00324	-.00043	-.00028	.09724	.00219	.09503
8.000	45.000	.00489	3.48002	1.59259	-.18550	-.00337	-.00049	-.00027	.09854	.00219	.09633
8.000	45.707	.00339	3.48002	1.62802	-.18957	-.00382	-.00034	-.00023	.09872	.00219	.09633
GRADIENT		.00033	.00000	.03845	-.00390	-.00010	-.00004	-.00005	.00136	.00000	.00137

AEDC VA474 (0477/70) (826C9FTM7) (W110E26) (V0R3)

(RTM037) (10 JAN 74)

REFERENCE DATA

BREF = 07.1500 INCHES
LREF = 7.1250 INCHES
BREF = 14.0500 INCHES
SCALE = .0150

INMP = 12.8250 INCHES
YMP = .0000 INCHES
ZMP = -.3750 INCHES

PARAMETRIC DATA

BETA = .000
ELEVTR = 10.000
AIRLON = .000
BOFLAP = 10.300
SPDRBK = 55.000
RUDDER = .000

RUN NO. 1550/ 0 RM/L = 1.00 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.000	15.540	.00174	1.07637	.32014	-.03179	-.00149	-.00019	-.00024	.06589	.00066	.06510
10.000	17.000	.00009	1.07637	.37055	-.03466	-.00104	.00011	-.00020	.06656	.00066	.06503
10.000	19.000	.00130	1.07637	.44728	-.04057	-.00104	-.00006	-.00034	.06323	.00066	.06032
10.000	21.000	.00170	1.07637	.52795	-.04867	-.00164	-.00018	.00025	.07171	.00066	.07100
10.000	23.000	.00282	1.07637	.61479	-.05760	-.00192	-.00040	-.00004	.07507	.00066	.07436
10.000	25.000	.00242	1.07637	.70468	-.06789	-.00209	-.00030	-.00032	.07827	.00066	.07736
10.000	27.000	.00211	1.07637	.80052	-.07779	-.00210	-.00024	.00002	.08161	.00066	.08090
10.000	29.000	.00315	1.07637	.89758	-.09120	-.00258	-.00044	-.00005	.08490	.00066	.08419
10.000	31.000	-.00160	1.07637	1.00159	-.10344	-.00232	.00067	-.00037	.08781	.00066	.08711
10.000	33.000	.00234	1.07637	1.10628	-.11779	-.00292	-.00023	.00061	.09176	.00066	.09105
10.000	35.000	.00113	1.07637	1.20755	-.13364	-.00235	.00000	.00012	.09427	.00066	.09357
10.000	37.000	.00010	1.07637	1.31639	-.14762	-.00165	.00017	.00041	.09717	.00066	.09646
10.000	39.000	.00187	1.07637	1.41549	-.15919	-.00294	-.00014	-.00006	.09933	.00066	.09863
10.000	41.000	.00170	1.07637	1.51995	-.17673	-.00185	-.00024	.00103	.10186	.00066	.10115
10.000	43.000	.00119	1.07637	1.62275	-.19484	-.00144	-.00016	.00098	.10363	.00066	.10292
10.000	44.809	.00113	1.07637	1.72096	-.20286	-.00156	-.00014	.00043	.10547	.00066	.10476
GRADIENT		.00019	.00000	.04874	-.00385	-.00008	-.00003	.00000	.00134	.00000	.00134

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/78) (B24C97NF) (W16026) (V083)

(RTN050) (10 JAN 74)

REFERENCE DATA

REF J 07.1960 90.1M. XMRP = 12.4250 INCHES
REF = 7.1820 INCHES YMRP = .0000 INCHES
REF = 14.9320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
AILROM = .000 BDPLAP = 16.300
SPBRK = 55.000 RUDDER = .000

RUN NO. 50/ 0 RN/L = 1.87 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.665	.00041	1.87125	.33912	-.04368	-.00241	.00017	-.00023	.06866	.00421	.06446
9.950	17.000	.00022	1.87125	.38411	-.04990	-.00224	.00021	-.00030	.06978	.00421	.06556
9.950	19.000	.00076	1.87125	.45671	-.05807	-.00281	.00011	-.00027	.07099	.00421	.06679
9.950	21.000	.00092	1.87125	.53401	-.06255	-.00272	.00005	-.00020	.07296	.00421	.06877
9.950	23.000	.00115	1.87125	.61436	-.06991	-.00274	-.00003	-.00020	.07503	.00421	.07083
9.950	25.000	.00146	1.87125	.69935	-.07766	-.00332	-.00006	-.00013	.07697	.00421	.07277
9.950	27.000	.00036	1.87125	.78591	-.08744	-.00205	.00013	-.00009	.07914	.00421	.07494
9.950	29.000	.00091	1.87125	.87538	-.09608	-.00336	.00011	-.00009	.08146	.00421	.07726
9.950	31.000	.00120	1.87125	.96734	-.10646	-.00366	.00005	-.00003	.08405	.00421	.07985
9.950	33.000	.00129	1.87125	1.06278	-.11847	-.00427	.00008	-.00004	.08725	.00421	.08305
9.950	35.000	.00149	1.87125	1.15799	-.13568	-.00433	.00001	.00000	.08995	.00421	.08570
9.950	37.000	.00063	1.87125	1.25356	-.14257	-.00350	.00013	.00005	.09197	.00421	.08777
9.950	39.000	.00127	1.87125	1.35008	-.15516	-.00417	.00004	.00010	.09445	.00421	.09025
9.950	41.000	.00117	1.87125	1.44393	-.16718	-.00419	.00007	.00008	.09621	.00421	.09202
9.950	43.000	.00167	1.87125	1.53821	-.17958	-.00325	-.00002	.00011	.09769	.00421	.09349
9.950	45.000	.00049	1.87125	1.63319	-.19207	-.00304	.00017	.00014	.09969	.00421	.09549
GRADIENT		.00012	.00000	.03866	-.00339	-.00009	-.00003	.00001	.00089	.00000	.00089

RUN NO. 705/ 0 RN/L = 1.83 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
7.980	15.150	.00072	1.83414	.30089	-.03637	-.00135	-.00003	-.00028	.06232	.00207	.06015
7.980	17.000	.00092	1.83414	.34450	-.03972	-.00185	-.00003	-.00032	.06299	.00207	.06082
7.980	19.000	.00119	1.83414	.41497	-.04500	-.00228	-.00005	-.00034	.06497	.00207	.06280
7.980	21.000	.00184	1.83414	.49016	-.05097	-.00224	-.00024	-.00028	.06726	.00207	.06509
7.980	23.000	.00199	1.83414	.56996	-.05885	-.00230	-.00028	-.00028	.06969	.00207	.06752
7.980	25.000	.00137	1.83414	.65424	-.06677	-.00189	-.00022	-.00028	.07219	.00207	.07002
7.980	27.000	.00178	1.83414	.74093	-.07625	-.00249	-.00022	-.00034	.07512	.00207	.07295
7.980	29.000	.00158	1.83414	.83035	-.08663	-.00261	-.00015	-.00041	.07824	.00207	.07607
7.980	31.000	.00150	1.83414	.92313	-.09725	-.00255	-.00014	-.00042	.08147	.00207	.07930
7.980	33.000	.00115	1.83414	1.01736	-.10882	-.00236	-.00007	-.00042	.08453	.00207	.08236
7.980	35.000	.00135	1.83414	1.11279	-.12046	-.00276	-.00015	-.00041	.08736	.00207	.08519
7.980	37.000	.00173	1.83414	1.20846	-.13225	-.00237	-.00028	-.00035	.08972	.00207	.08755
7.980	39.000	.00197	1.83414	1.30328	-.14442	-.00258	-.00035	-.00024	.09251	.00207	.08984
7.980	41.000	.00216	1.83414	1.39678	-.15698	-.00265	-.00043	-.00022	.09396	.00207	.09179
7.980	43.000	.00212	1.83414	1.48982	-.16700	-.00238	-.00046	-.00022	.09532	.00207	.09335
7.980	45.000	.00208	1.83414	1.58066	-.17775	-.00240	-.00048	-.00018	.09776	.00207	.09561
7.980	45.214	.00219	1.83414	1.59332	-.17947	-.00270	-.00048	-.00020	.09733	.00207	.09516
GRADIENT		.00012	.00000	.03779	-.00324	-.00006	-.00003	.00000	.00158	-.00000	.00158

AEDC VA474 (0477/78) (826C97MT) (W110E26) (V083)

(RTN058) (10 JAN 74)

REFERENCE DATA

REF = 87.1500 90-IN. XMRP = 12.4250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
 AILRON = .000 BOFLAP = 18.300
 SPDBRK = 55.000 RUDDER = .000

RTN NO. 1550/ 0 RM/L = 1.00 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CTN	CBL	CA	CAB	CAF
10.080	15.548	.00174	1.87637	.32014	-.03179	-.00149	-.00019	-.00024	.06589	.00066	.06318
10.090	17.000	.00009	1.87637	.37035	-.03466	-.00104	.00011	-.00020	.06856	.00066	.06383
10.090	19.000	.00130	1.87637	.44728	-.04037	-.00184	-.00006	-.00034	.06923	.00066	.06832
10.060	21.090	.00170	1.87637	.52795	-.04867	-.00164	-.00018	-.00025	.07171	.00066	.07100
10.080	23.000	.00242	1.87637	.61479	-.03760	-.00192	-.00040	-.00054	.07597	.00066	.07436
10.090	25.000	.00242	1.87637	.70468	-.04749	-.00209	-.00030	-.00032	.07827	.00066	.07758
10.090	27.000	.00211	1.87637	.80032	-.07779	-.00210	-.00024	.00002	.08161	.00066	.08090
10.090	29.000	.00315	1.87637	.89758	-.09120	-.00238	-.00044	-.00065	.08490	.00066	.08419
10.090	31.000	-.00160	1.87637	1.00159	-.10544	-.00232	.00067	-.00037	.08781	.00066	.08711
10.090	33.000	.00234	1.87637	1.10628	-.11779	-.00292	-.00023	.00001	.09176	.00066	.09105
10.090	35.000	.00113	1.87637	1.20755	-.13364	-.00235	.00000	.00012	.09417	.00066	.09357
10.090	37.000	.00010	1.87637	1.31639	-.14762	-.00165	.00017	.00041	.09717	.00066	.09646
10.090	39.000	.00187	1.87637	1.41549	-.15919	-.00294	-.00014	-.00066	.09933	.00066	.09863
10.090	41.000	.00170	1.87637	1.51995	-.17673	-.00185	-.00024	-.00103	.10186	.00066	.10115
10.090	43.000	.00119	1.87637	1.62275	-.19484	-.00144	-.00016	.00098	.10363	.00066	.10292
10.090	44.869	.00113	1.87637	1.72596	-.20286	-.00156	-.00014	.00043	.10547	.00066	.10476
GRADIENT		.00000	.00000	.54074	-.00285	-.00058	-.00003	.00006	.00134	.00000	.00134

DATE 20 JUN 74

TABULATED SOURCE DATA, AEDC WA474

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AEDC WA474 (0477/70) (020C9FTM7) (U1102261) (V023)

(INTN050) (10 JAN 74)

REFERENCE DATA

REF = 07.1500 50.14. ZWMP = 12.0250 INCHES
 LREF = 7.1220 INCHES ZWMP = -0.0000 INCHES
 BREF = 14.0520 INCHES ZWMP = -0.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
 AIRLOW = .000 BDFLAP = 10.300
 SPDRK = 55.000 RUDDER = .000

RUN NO. 000/ 0 RN/L = .97 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.910	15.478	.0047	.96912	.33056	-.04470	-.00069	-.00018	-.00030	.06738	.00354	.06387
9.910	17.000	.0032	.96912	.37836	-.04898	-.00103	-.00018	-.00032	.06749	.00354	.06397
9.910	19.000	.0000	.96912	.43010	-.05497	-.00122	-.00020	-.00030	.06949	.00354	.06394
9.910	21.000	.0077	.96912	.52683	-.06034	-.00116	-.00031	-.00022	.07161	.00354	.06810
9.910	23.000	.0092	.96912	.60361	-.06803	-.00095	-.00043	-.00012	.07356	.00354	.07005
9.910	25.000	.00103	.96912	.68785	-.07760	-.00117	-.00050	-.00005	.07620	.00354	.07288
9.910	27.000	.00113	.96912	.77600	-.09562	-.00204	-.00045	-.00006	.07874	.00354	.07474
9.910	29.000	.00098	.96912	.86486	-.09383	-.00204	-.00037	-.00008	.07885	.00354	.07633
9.910	31.000	.00099	.96912	.95441	-.10402	-.00254	-.00033	-.00009	.08297	.00354	.07946
9.910	33.000	.00086	.96912	1.04760	-.11461	-.00235	-.00029	-.00006	.08618	.00354	.08267
9.910	35.000	.00074	.96912	1.14133	-.12574	-.00210	-.00024	-.00005	.08871	.00354	.08520
9.910	37.000	.00082	.96912	1.23563	-.13769	-.00237	-.00028	-.00002	.09140	.00354	.08789
9.910	39.000	.00095	.96912	1.32920	-.14942	-.00245	-.00040	-.00009	.09326	.00354	.08975
9.910	41.000	.00103	.96912	1.42235	-.16119	-.00265	-.00043	-.00011	.09513	.00354	.09162
9.910	43.000	.00078	.96912	1.51465	-.17426	-.00205	-.00034	-.00012	.09713	.00354	.09361
9.910	44.899	.00136	.96912	1.60609	-.18521	-.00450	-.00075	-.00020	.09976	.00354	.09625
GRADIENT		.00006	.00000	.03782	-.00342	-.00003	-.00004	.00003	.00096	.00000	.00096

RUN NO. 1750/ 0 RN/L = .84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.930	15.478	.01236	.84132	.29051	-.03001	-.00235	.00003	-.00018	.06541	-.00046	.06590
9.930	17.000	.01115	.84132	.33837	-.03283	-.00282	.00007	-.00008	.06834	-.00046	.06883
9.930	19.000	.00862	.84132	.41039	-.03750	-.00266	.00007	-.00009	.06890	-.00046	.06939
9.930	21.000	.00815	.84132	.48137	-.04314	-.00301	.00001	-.00012	.07021	-.00046	.07069
9.930	23.000	.00658	.84132	.56014	-.05008	-.00275	-.00005	-.00009	.07296	-.00046	.07344
9.930	25.000	.00497	.84132	.64249	-.05740	-.00286	-.00004	-.00007	.07562	-.00046	.07610
9.930	27.000	.00347	.84132	.72908	-.06516	-.00307	-.00003	-.00007	.07726	-.00046	.07774
9.930	29.000	.00165	.84132	.81568	-.07484	-.00329	-.00004	-.00004	.08073	-.00046	.08121
9.930	31.000	.00009	.84132	.90983	-.08466	-.00336	.00000	-.00003	.08364	-.00046	.08412
9.930	33.000	-.00181	.84132	1.00545	-.09613	-.00291	-.00001	-.00001	.08714	-.00046	.08762
9.930	35.000	-.00288	.84132	1.10081	-.10683	-.00351	-.00017	.00019	.08851	-.00046	.08899
9.930	37.000	-.00461	.84132	1.18968	-.11697	-.00299	-.00017	.00027	.09242	-.00046	.09290
9.930	39.000	-.00679	.84132	1.28160	-.13062	-.00298	.00014	.00023	.09366	-.00046	.09414
9.930	41.000	-.00421	.84132	1.37957	-.14161	-.00317	.00008	.00026	.09515	-.00046	.09564
9.930	43.000	-.00968	.84132	1.47691	-.15456	-.00326	-.00001	.00028	.09806	-.00046	.09854
9.930	44.484	-.01682	.84132	1.54930	-.16327	-.00276	-.00010	.00033	.09981	-.00046	.10029
GRADIENT		-.00077	.00000	.03703	-.00288	-.00004	-.00001	.00000	.00167	-.00000	.00167

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0A77/70) (R26C977M7) (U110E26) (V0R5)

(RTN060) (10 JAN 74)

REFERENCE DATA

BREF * 07.1500 56.14. XMRP = 12.6250 INCHES
LREF = 7.1520 INCHES YMRP = .0000 INCHES
BREF * 14.3520 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
AILROM = .000 BDFLAP = 16.500
SPDRK = 55.000 RUDDER = .000

RUN NO. 1050/ 0 RN/L = -.52 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAD	CAF
7.900	15.516	.00032	.52222	.30613	-.03875	.00083	-.00042	-.00012	.06422	-.00079	.06467
7.900	17.000	.00018	.52222	.35550	-.04206	.00116	-.00033	-.00014	.06300	-.00079	.06362
7.900	19.000	.00028	.52222	.42192	.04757	.00083	-.00038	-.00018	.06613	-.00079	.06675
7.900	21.000	.00028	.52222	.49742	-.05409	.00087	-.00039	-.00016	.07055	-.00079	.07117
7.900	23.000	.00044	.52222	.57620	-.06044	.00047	-.00053	-.00014	.07542	-.00079	.07604
7.900	25.000	.00070	.52222	.65982	-.06611	.00061	-.00066	-.00016	.07595	-.00079	.07657
7.900	27.000	.00049	.52222	.74306	-.07550	-.00026	-.00049	-.00019	.07928	-.00079	.07990
7.900	29.000	.00037	.52222	.83168	-.08341	.00005	-.00041	-.00020	.08137	-.00079	.08198
7.900	31.000	.00066	.52222	.92247	-.09198	-.00077	-.00063	-.00021	.08398	-.00079	.08459
7.900	33.000	.00067	.52222	1.01456	-.10260	-.00062	-.00068	-.00017	.08770	-.00079	.08831
7.900	35.000	.00069	.52222	1.10713	-.11356	-.00077	-.00070	-.00019	.09028	-.00079	.09090
7.900	37.000	.00072	.52222	1.19963	-.12399	-.00100	-.00072	-.00014	.09249	-.00079	.09311
7.900	39.000	.00071	.52222	1.29186	-.13449	-.00122	-.00071	-.00017	.09384	-.00078	.09446
7.900	41.000	.00082	.52222	1.38368	-.14502	-.00251	-.00072	-.00023	.09479	-.00078	.09540
7.900	43.000	.00071	.52222	1.47145	-.15674	-.00188	-.00068	-.00019	.09611	-.00078	.09672
7.900	44.626	.00071	.52222	1.55912	-.16574	-.00187	-.00071	-.00015	.09751	-.00078	.09813
7.900	GRADIENT	.00004	.00000	.03723	-.00295	-.00014	-.00003	-.00000	.00138	.00000	.00138

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC V44/4

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AEDC V4474 (0477/78) (826C977M7) (W116E26) (V0R5)

(RTM081) (10 JAN 74)

REFERENCE DATA

SREF = 07.1560 SQ. IN. XMRP = 12.8250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

BETA = .000 ELEVTR = 15.000
AILROM = .000 BDFLAP = 16.300
SPDRBK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 290/ 0 RN/L = 4.67 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.734	.00265	4.67183	.36297	-.06774	-.00260	.00000	-.00001	.07673	.00486	.07189
9.950	17.000	.00309	4.67183	.40639	-.07380	-.00273	-.00004	.00001	.07852	.00486	.07367
9.950	19.000	.00397	4.67183	.48431	-.08175	-.00307	-.00011	.00010	.07962	.00486	.07477
9.950	21.000	.00493	4.67183	.56276	-.09133	-.00291	-.00025	.00017	.08411	.00486	.07927
9.950	23.000	.00530	4.67183	.64580	-.10072	-.00289	-.00031	.00024	.08796	.00486	.08311
9.950	25.000	.00559	4.67183	.73265	-.11084	-.00286	-.00036	.00036	.09158	.00486	.08674
9.950	27.000	.00596	4.67183	.82215	-.12134	-.00333	-.00036	.00043	.09511	.00486	.09026
9.950	29.000	.00614	4.67183	.91346	-.13245	-.00381	-.00034	.00045	.09860	.00486	.09376
9.950	31.000	.00593	4.67183	1.00585	-.14425	-.00326	-.00040	.00052	.10228	.00486	.09744
9.950	33.000	.00552	4.67183	1.10261	-.15673	-.00353	-.00035	.00050	.10622	.00486	.10138
9.950	35.000	.00583	4.67183	1.19916	-.16937	-.00379	-.00036	.00050	.10956	.00486	.10471
9.950	37.000	.00584	4.67183	1.29528	-.18203	-.00368	-.00039	.00056	.11265	.00486	.10781
9.950	39.000	.00594	4.67183	1.39079	-.19439	-.00382	-.00041	.00052	.11519	.00486	.11035
9.950	41.000	.00596	4.67183	1.48679	-.20697	-.00394	-.00043	.00053	.11686	.00486	.11202
9.950	43.000	.00621	4.67183	1.57977	-.21962	-.00432	-.00045	.00055	.11873	.00486	.11389
9.950	45.000	.00551	4.67183	1.67296	-.23391	-.00412	-.00039	.00053	.12064	.00486	.11580
9.950	45.909	.00589	4.67183	1.72097	-.24165	-.00456	-.00042	.00049	.12589	.00486	.11604
GRADIENT		.00033	-.00000	.03994	-.00461	-.00002	-.00004	.00054	.00162	-.00000	.00162

RUN NO. 980/ 0 RN/L = 3.50 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.781	.00208	3.49514	.32953	-.05703	-.00147	-.00010	-.00004	.06983	.00219	.06742
8.000	17.000	.00169	3.49514	.36979	-.06205	-.00163	-.00003	-.00010	.07169	.00219	.06947
8.000	19.000	.00257	3.49514	.44486	-.07061	-.00191	-.00012	-.00009	.07482	.00219	.07240
8.000	21.000	.00318	3.49514	.52427	-.08050	-.00183	-.00022	-.00009	.07866	.00219	.07645
8.000	23.000	.00367	3.49514	.60813	-.09153	-.00202	-.00027	-.00004	.08294	.00219	.08072
8.000	25.000	.00431	3.49514	.69566	-.10318	-.00208	-.00037	-.00003	.08733	.00219	.08532
8.000	27.000	.00390	3.49514	.78704	-.11479	-.00208	-.00031	-.00007	.09177	.00219	.08956
8.000	29.000	.00368	3.49514	.88029	-.12673	-.00245	-.00025	-.00021	.09622	.00219	.09400
8.000	31.000	.00402	3.49514	.97486	-.13905	-.00260	-.00029	-.00019	.10096	.00219	.09875
8.000	33.000	.00413	3.49514	1.07138	-.15142	-.00264	-.00032	-.00023	.10532	.00219	.10311
8.000	35.000	.00405	3.49514	1.16834	-.16419	-.00250	-.00034	-.00018	.10985	.00219	.10664
8.000	37.000	.00494	3.49514	1.26504	-.17685	-.00290	-.00045	-.00017	.11259	.00219	.10987
8.000	39.000	.00445	3.49514	1.36130	-.18948	-.00236	-.00046	-.00015	.11527	.00219	.11305
8.000	41.000	.00334	3.49514	1.45637	-.20156	-.00274	-.00059	-.00015	.11724	.00219	.11503
8.000	43.000	.00342	3.49514	1.54948	-.21410	-.00301	-.00059	-.00016	.11975	.00219	.11754
8.000	45.000	.00348	3.49514	1.64152	-.22669	-.00310	-.00063	-.00014	.12208	.00219	.11986
8.000	45.635	.00613	3.49514	1.67591	-.23061	-.00359	-.00070	-.00015	.12228	.00219	.12006
GRADIENT		.00027	.00000	.03982	-.00499	-.00006	-.00003	.00050	.00193	.00000	.00193

AEDC VA474 (0477/70) (B26C9F7M7) (W116E26) (V0R3)

(RTN061) (10 JAN 74)

REFERENCE DATA

BREF * 07.1900 30-IN. YMRP = 12.0250 INCHES
LREF * 7.1220 INCHES YMRP = .0000 INCHES
BREF * 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 15.000
AILRON = .000 BDFLAP = 16.300
SPDBRK = 55.000 RUDDER = .000

RUN NO. 1320/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.599	.00115	1.89166	.32054	-.05060	-.00077	-.00015	.00019	.06765	.00092	.06672
10.090	17.000	.00215	1.89166	.36747	-.05517	-.00135	-.00030	.00019	.06945	.00092	.06852
10.090	19.000	.00191	1.89166	.44297	-.06379	-.00139	-.00025	.00022	.07325	.00092	.07233
10.090	21.000	.00152	1.89166	.52045	-.07264	-.00123	-.00019	.00027	.07659	.00092	.07566
10.090	23.000	.00262	1.89166	.60439	-.08412	-.00135	-.00042	.00026	.08111	.00092	.08018
10.090	25.000	.00205	1.89166	.69185	-.09629	-.00152	-.00028	.00011	.08695	.00092	.08602
10.090	27.000	.00209	1.89166	.78101	-.10816	-.00215	-.00022	.00005	.09170	.00092	.09077
10.090	29.000	.00095	1.89166	.87361	-.12004	-.00198	.00002	.00003	.09618	.00092	.09525
10.090	31.000	.00001	1.89166	.97056	-.13274	-.00192	.00023	-.00009	.10156	.00092	.10063
10.090	33.000	-.00010	1.89166	1.06837	-.14553	-.00196	.00026	-.00004	.10612	.00092	.10519
10.090	35.000	.00016	1.89166	1.16650	-.15857	-.00191	.00019	.00005	.10976	.00092	.10883
10.090	37.000	.00056	1.89166	1.26367	-.17123	-.00184	.00058	.00017	.11310	.00092	.11218
10.090	39.000	.00062	1.89166	1.36127	-.18410	-.00209	.00009	.00022	.11619	.00092	.11526
10.090	41.000	.00104	1.89166	1.45907	-.19710	-.00222	-.00001	.00028	.11943	.00092	.11850
10.090	43.000	.00133	1.89166	1.56033	-.21025	-.00217	-.00011	.00032	.12217	.00092	.12124
10.090	45.000	.00203	1.89166	1.65831	-.22273	-.00250	-.00029	.00043	.12446	.00092	.12354
	GRADIENT	.00008	-.00000	.03954	-.00486	-.00005	-.00001	-.00000	.00202	.00000	.00202

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(OA77/78) (828C97M7) (N118E26) (V083)

(RTN082) (10 JAN 74)

REFERENCE DATA

SRF = 97.1960 SQ-IN. XMRP = 12.6250 INCHES
LRP = 7.1220 INCHES YMRP = .0000 INCHES
BRF = 14.0520 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 15.000
AILROM = .000 BDFLAP = 16.300
SPCRK = 55.000 RUDDER = .000

RUN NO. 1120/ 0 RN/L = 3.47 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	-2.772	-.00497	3.47069	-.08779	-.03426	-.00147	-.00083	-.00017	.08680	.00218	.08458
8.000	-2.000	-.00403	3.47069	-.07614	-.03407	-.00190	.00076	-.00017	.08399	.00218	.08177
8.000	.000	-.00441	3.47069	-.04407	-.03436	-.00162	.00077	-.00021	.07845	.00218	.07624
8.000	2.000	-.00384	3.47069	-.01112	-.03326	-.00179	.00072	-.00020	.07498	.00218	.07277
8.000	4.000	-.00241	3.47069	.02445	-.03281	-.00090	.00043	-.00010	.07187	.00218	.06966
8.000	6.000	-.00152	3.47069	.06138	-.03349	-.00177	.00042	-.00010	.06934	.00218	.06712
8.000	8.000	-.00092	3.47069	.10939	-.03368	-.00174	.00033	-.00007	.06783	.00218	.06561
8.000	10.000	-.00100	3.47069	.16008	-.03346	-.00136	.00030	-.00002	.06782	.00218	.06561
8.000	12.000	.00028	3.47069	.21706	-.04351	-.00149	.00015	.00007	.06850	.00218	.06628
8.000	14.000	.00074	3.47069	.28052	-.05267	-.00168	.00011	.00009	.06980	.00218	.06758
8.000	16.000	.00072	3.47069	.34861	-.06044	-.00156	.00017	.00008	.07202	.00218	.06981
8.000	18.000	.00072	3.47069	.42133	-.06851	-.00182	.00012	.00009	.07499	.00218	.07277
8.000	20.000	-.00009	3.47069	.49802	-.07733	-.00111	.00015	.00013	.07854	.00218	.07632
8.000	22.000	.00234	3.47069	.57772	-.08744	-.00216	-.00006	.00018	.08234	.00218	.08012
8.000	24.000	.00214	3.47069	.66127	-.09633	-.00181	-.00008	.00023	.08629	.00218	.08407
8.000	26.000	.00257	3.47069	.74817	-.10981	-.00184	-.00015	.00028	.09028	.00218	.08807
8.000	28.938	.00231	3.47069	.79414	-.11529	-.00187	-.00011	.00027	.09241	.00218	.09019
GRADIENT		.00030	.00000	.01654	.00022	.00008	-.00001	.00001	-.00218	.00000	-.00218

(RTN063) (10 JAN 74)

AEDC VA474(0A77/70) (B26C9F7M7) (W116E26) (V0R2)

REFERENCE DATA

REF = 07.1900 S-IN. YMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES YMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 15.000
AILRON = .000 BOFLAP = 16.300
SPDRK = 55.000 RUDDER = .000

RUN NO. 1110/ 0 RM/L = 3.45 GRADIENT INTERVAL = -.5.00/ 5.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-27.021	-.03744	3.45443	-.62705	.01649	.00107	.00096	.00091	.15173	-.00136	.13343
0.000	-26.000	-.00690	3.45443	-.59296	.01216	.00085	.00090	.00003	.14837	-.00136	.15007
0.000	-24.000	-.00662	3.45443	-.52266	.00181	.00120	.00080	.00008	.14145	-.00136	.14315
0.000	-22.000	-.00553	3.45443	-.45344	-.01110	.00123	.00063	.00011	.13450	-.00136	.13620
0.000	-20.000	-.00535	3.45443	-.38899	-.02480	.00144	.00057	.00010	.12713	-.00136	.12883
0.000	-18.000	-.00509	3.45443	-.33334	-.03523	.00113	.00056	.00010	.12129	-.00136	.12300
0.000	-16.000	-.00532	3.45443	-.28664	-.04127	.00107	.00062	.00000	.11711	-.00136	.11881
0.000	-14.000	-.00551	3.45443	-.24788	-.04353	.00101	.00062	.00003	.11411	-.00136	.11581
0.000	-12.000	-.00619	3.45443	-.21585	-.04415	.00123	.00068	.00006	.11147	-.00136	.11318
0.000	-10.000	-.00684	3.45443	-.18750	-.04334	.00143	.00073	.00003	.10761	-.00136	.10931
0.000	-8.000	-.00691	3.45443	-.16335	-.04171	.00094	.00068	-.00006	.10424	-.00135	.10594
0.000	-6.000	-.00585	3.45443	-.14250	-.03808	.00085	.00066	-.00003	.09902	-.00136	.10072
0.000	-4.000	-.00640	3.45443	-.11104	-.03527	.00094	.00072	-.00008	.09069	-.00135	.09239
0.000	-2.000	-.00575	3.45443	-.07851	-.03480	.00040	.00070	-.00008	.08449	-.00135	.08619
0.000	.000	-.00615	3.45443	-.04684	-.03459	.00080	.00070	-.00010	.07847	-.00136	.08017
0.000	2.000	-.00442	3.45443	-.01504	-.03383	.00031	.00054	-.00009	.07504	-.00135	.07674
0.000	2.334	-.00344	3.45443	-.00812	-.03339	-.00016	.00047	-.00008	.07438	-.00135	.07609
GRADIENT		.00040	-.00006	.01609	.00027	-.00012	-.00004	-.00001	-.00255	-.00006	-.00255

DATE 29 AUG 74

TABULATED SOURCE DAT , AEDC VA474

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AEDC VA474 (0477/78) (B2C9F7M7) (W16E26) (V8R3)

(RTN084) (10 JAN 74)

REFERENCE DATA

SREF = 87.1360 86.1M. XMRP = 12.8250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILROM = 15.000 BDFLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 370/ 0 RN/L = 4.69 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.801	.02413	4.69167	.31601	-.02170	.00004	-.00301	.00982	.06608	.00487	.06121
5.950	17.000	.02727	4.69167	.33227	-.02297	.00048	-.00336	.01056	.06637	.00487	.06150
5.950	19.000	.03160	4.69167	.42004	-.02431	.00060	-.00394	.01191	.06702	.00487	.06215
5.950	21.000	.03572	4.69167	.49141	-.02546	.00117	-.00457	.01331	.06840	.00487	.06333
5.950	23.000	.03994	4.69167	.56571	-.02683	.00149	-.00521	.01473	.06967	.00487	.06480
5.950	25.000	.04361	4.69167	.64417	-.02864	.00192	-.00581	.01618	.07090	.00487	.06603
5.950	27.000	.04800	4.69167	.72470	-.03099	.00258	-.00636	.01752	.07183	.00487	.06696
5.950	29.000	.05060	4.69167	.80813	-.03436	.00318	-.00684	.01865	.07294	.00487	.06807
5.950	31.000	.05402	4.69167	.89416	-.03849	.00355	-.00747	.02017	.07408	.00487	.06921
5.950	33.000	.05664	4.69167	.98209	-.04324	.00333	-.00798	.02134	.07502	.00487	.07015
5.950	35.000	.05931	4.69167	1.07034	-.04841	.00163	-.00860	.02249	.07554	.00487	.07084
5.950	37.000	.06216	4.69167	1.16085	-.05423	.00183	-.00922	.02353	.07571	.00487	.07067
5.950	39.000	.06495	4.69167	1.24983	-.06021	.00137	-.00983	.02433	.07557	.00487	.07070
5.950	41.000	.06755	4.69167	1.33800	-.06652	.00093	-.01047	.02523	.07504	.00487	.07017
5.950	43.000	.06930	4.69167	1.42665	-.07351	.00141	-.01113	.02623	.07422	.00487	.06935
5.950	45.000	.07067	4.69167	1.51302	-.08103	.00153	-.01174	.02728	.07300	.00487	.06813
5.950	46.251	.07271	4.69167	1.56765	-.08671	.00122	-.01231	.02841	.07248	.00487	.06761
GRADIENT		.00211	-.00000	.03372	-.00072	.00014	-.00031	.00069	.00054	.00000	.00054

RUN NO. 950/ 0 RN/L = 3.49 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.822	.02222	3.48848	.28813	-.01809	-.00011	-.00300	.00888	.06119	.00238	.05879
8.000	17.000	.02351	3.48848	.32328	-.01877	.00020	-.00324	.00962	.06158	.00238	.05917
8.000	19.000	.02812	3.48848	.38850	-.01942	.00009	-.00390	.01094	.06303	.00238	.06062
8.000	21.000	.03068	3.48848	.45817	-.02007	.00128	-.00445	.01235	.06430	.00238	.06190
8.000	23.000	.03317	3.48848	.53164	-.02137	.00088	-.00510	.01379	.06590	.00238	.06350
8.000	25.000	.03536	3.48848	.60882	-.02339	.00127	-.00568	.01524	.06766	.00238	.06526
8.000	27.000	.04175	3.48848	.68954	-.02583	.00121	-.00627	.01662	.06923	.00238	.06683
8.000	29.000	.04364	3.48848	.77307	-.02903	.00159	-.00674	.01791	.07076	.00238	.06835
8.000	31.000	.04655	3.48848	.85923	-.03278	.00168	-.00729	.01923	.07251	.00238	.07010
8.000	33.000	.04915	3.48848	.94686	-.03732	.00149	-.00783	.02034	.07384	.00238	.07144
8.000	35.000	.05119	3.48848	1.03592	-.04248	.00173	-.00837	.02174	.07455	.00238	.07215
8.000	37.000	.05373	3.48848	1.12556	-.04820	.00180	-.00900	.02232	.07504	.00238	.07264
8.000	39.000	.05648	3.48848	1.21514	-.05432	.00228	-.00976	.02292	.07532	.00238	.07291
8.000	41.000	.05867	3.48848	1.30369	-.06060	.00242	-.01047	.02355	.07497	.00238	.07237
8.000	43.000	.06056	3.48848	1.39162	-.06714	.00233	-.01158	.02393	.07446	.00238	.07205
8.000	45.000	.06117	3.48848	1.47819	-.07416	.00232	-.01156	.02462	.07377	.00238	.07137
8.000	46.066	.06131	3.48848	1.52815	-.07774	.00233	-.01180	.02518	.07313	.00238	.07073
GRADIENT		.00180	-.00000	.03495	-.00053	.00013	-.00030	.00069	.00071	.00000	.00071

(RTN064) (10 JAN 74)

AEDC VA474(OA77/78) (026C9FTM7) (W110E26) (V085)

REFERENCE DATA

BREF = 07.1980 30-IN. XMRP = 12.0250 INCHES
LREF = 7.1250 INCHES YMRP = .0000 INCHES
BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = 15.000 BDFLAP = -11.700
SPDBRK = 55.000 RUDDER = .000

RUN NO. 15107 0 RN/L = 1.00 GRADIENT INTERVAL = 14.00/25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.000	.01012	1.88534	.28152	-.01572	.00162	-.00238	.00851	.06071	.00104	.05967
10.090	17.000	-.01319	1.88534	.32098	-.01564	.00104	-.00298	.00337	.06114	.00104	.06010
10.090	19.000	.01393	1.88534	.35727	-.01558	.00196	-.00329	.01085	.06287	.00104	.06183
10.090	21.000	-.01623	1.88534	.45461	-.01582	.00223	-.00387	.01230	.06407	.00104	.06303
10.090	23.000	.01822	1.88534	.52813	-.01689	.00250	-.00440	.01377	.06548	.00104	.06444
10.090	25.000	-.02022	1.88534	.60456	-.01837	.00280	-.00496	.01521	.06740	.00104	.06636
10.090	27.000	.02087	1.88534	.68341	-.02091	.00298	-.00521	.01659	.06885	.00104	.06781
10.090	29.000	-.02292	1.88534	.76631	-.02383	.00316	-.00581	.01798	.07051	.00104	.06947
10.090	31.000	.02487	1.88534	.85341	-.02744	.00327	-.00640	.01940	.07235	.00104	.07131
10.090	33.000	-.02622	1.88534	.94216	-.03207	.00349	-.00690	.02076	.07386	.00104	.07282
10.090	35.000	.02792	1.88534	1.03217	-.03745	.00373	-.00751	.02199	.07500	.00104	.07396
10.090	37.000	-.02984	1.88534	1.12234	-.04357	.00405	-.00823	.02313	.07598	.00104	.07494
10.090	39.000	.03132	1.88534	1.21484	-.05020	.00420	-.00885	.02427	.07677	.00104	.07572
10.090	41.000	-.03328	1.88534	1.30626	-.05676	.00395	-.00961	.02532	.07710	.00104	.07656
10.090	43.000	.03470	1.88534	1.40110	-.06328	.00377	-.01028	.02644	.07699	.00104	.07594
10.090	45.000	-.03585	1.88534	1.49253	-.07010	.00342	-.01091	.02745	.07683	.00104	.07578
10.090	45.249	.03587	1.88534	1.50448	-.07699	.00346	-.01097	.02761	.07689	.00104	.07585
GRADIENT		.00151	.00000	.03466	-.00026	.00016	-.00027	.00072	.00072	-.00000	.00072

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TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(OAT7778) (B26C9F7H7) (M16E86) (V0R5)

(RTN065) (10 JAN 74)

REFERENCE DATA

SREF = 07.1500 90.1N. XMRP = 12.4250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

ALPHA = 30.000 ELEVTR = .000
 AILRON = 15.000 BDFLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 960/ 0 RN/L = 5.49 GRADIENT INTERVAL = -5.00/ 5.00

MACH	BEIA	ALPHA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-3.031	30.88860	3.49193	.88372	-.03486	.04114	-.00039	.02954	.07295	.00192	.07085
0.000	-3.029	30.88460	3.49193	.88532	-.03450	.02614	-.00314	.02593	.07211	.00190	.07005
0.000	.001	30.87910	3.49193	.88612	-.03378	.00438	-.00704	.02041	.07146	.00187	.06945
0.000	2.094	30.87570	3.49193	.88406	-.03286	-.01040	-.00980	.01646	.07125	.00186	.06925
0.000	4.033	30.87330	3.49193	.88062	-.03157	-.02492	-.01239	.01284	.07158	.00186	.06956
0.000	6.124	30.87120	3.49193	.87582	-.03017	-.04086	-.01521	.00894	.07169	.00187	.06963
0.000	8.086	30.86870	3.49193	.86926	-.02886	-.05620	-.01803	.00521	.07206	.00188	.06996
0.000	10.097	30.86680	3.49193	.86140	-.02725	-.07295	-.02081	.00114	.07248	.00190	.07037
GRADIENT		-.00161	.00000	-.00064	.00041	-.00719	-.00131	-.00185	-.00509	-.00001	-.00008

AEDC VA474(0477/70) (826C9F7M7) (W116E26) (V08S)

(RTN066) (10 JAN 74)

REFERENCE DATA

REF = 07.1560 30. IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETER DATA

BETA = .000 ELEVTR = 9.000
 ALLEOM = 10.000 BDFLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 360/ 0 RN/L = 4.68 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.654	.02423	4.67820	.32012	-.02502	.00030	-.00296	.00843	.06576	.00487	.06089
9.950	17.000	.02577	4.67820	.35542	-.02643	.00052	-.00319	.00904	.06585	.00487	.06099
9.950	19.000	.03024	4.67820	.42371	-.02843	.00036	-.00376	.01019	.06663	.00487	.06177
9.950	21.000	.03445	4.67820	.49544	-.030.3	.00073	-.00437	.01137	.06797	.00487	.06310
9.950	23.000	.03867	4.67820	.57139	-.03218	.00075	-.00497	.01250	.06939	.00487	.06433
9.950	25.000	.04292	4.67820	.65002	-.03484	.00072	-.00558	.01364	.07046	.00487	.06559
9.950	27.000	.04530	4.67820	.73198	-.03814	.00050	-.00596	.01473	.07147	.00487	.06660
9.950	29.000	.04794	4.67820	.81661	-.04231	.00018	-.00638	.01575	.07263	.00487	.06776
9.950	31.000	.05157	4.67820	.90343	-.04734	.00008	-.00699	.01671	.07372	.00487	.06885
9.950	33.000	.05583	4.67820	.99327	-.05301	-.00013	-.00743	.01753	.07494	.00487	.07007
9.950	35.000	.05992	4.67820	1.08310	-.05948	.00013	-.00793	.01836	.07546	.00487	.07059
9.950	37.000	.06418	4.67820	1.17460	-.06642	.00033	-.00849	.01916	.07579	.00487	.07092
9.950	39.000	.06894	4.67820	1.26539	-.07341	-.00053	-.00905	.01974	.07564	.00487	.07078
9.950	41.000	.06244	4.67820	1.35483	-.08107	-.00068	-.00951	.02024	.07528	.00487	.07042
9.950	43.000	.06427	4.67820	1.44434	-.08904	-.00037	-.01014	.02050	.07489	.00487	.07002
9.950	45.000	.06562	4.67820	1.53201	-.09762	-.00043	-.01070	.02167	.07390	.00487	.06903
9.950	45.926	.06641	4.67820	1.57359	-.10217	-.00050	-.01100	.02228	.07341	.00487	.06854
GRADIENT		.00206	-.00000	.03612	-.00103	.00005	-.00029	.00557	.00054	.00000	.00054

RUN NO. 1680/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.779	.01074	1.89117	.28695	-.01651	.00170	-.00252	.00775	.06093	.00115	.05977
10.090	17.000	.01230	1.89117	.32509	-.01659	.00161	-.00286	.00833	.06152	.00115	.06036
10.090	19.000	.01435	1.89117	.39155	-.01738	.00185	-.00337	.00971	.06333	.00115	.06217
10.090	21.000	.01630	1.89117	.45264	-.01876	.00211	-.00388	.01033	.06463	.00115	.06347
10.090	23.000	.01831	1.89117	.53434	-.02044	.00238	-.00442	.01212	.06660	.00115	.06545
10.090	25.000	.02026	1.89117	.61509	-.02243	.00249	-.00494	.01330	.06828	.00115	.06712
10.090	27.000	.02187	1.89117	.69336	-.02558	.00258	-.00541	.01443	.07014	.00115	.06898
10.090	29.000	.02330	1.89117	.77884	-.02957	.00244	-.00583	.01543	.07179	.00115	.07063
10.090	31.000	.02507	1.89117	.86913	-.03436	.00239	-.00637	.01648	.07381	.00115	.07265
10.090	33.000	.02643	1.89117	.96335	-.03974	.00271	-.00689	.01741	.07536	.00115	.07421
10.090	35.000	.02841	1.89117	1.05332	-.04611	.00208	-.00746	.01830	.07644	.00115	.07528
10.090	37.000	.02938	1.89117	1.14571	-.05279	.00269	-.00798	.01913	.07760	.00115	.07644
10.090	39.000	.03120	1.89117	1.23903	-.06070	.00259	-.00866	.02003	.07800	.00115	.07684
10.090	41.000	.03246	1.89117	1.33352	-.06840	.00233	-.00925	.02077	.07821	.00115	.07706
10.090	43.000	.03421	1.89117	1.42839	-.07679	.00151	-.00991	.02137	.07847	.00115	.07731
10.090	45.000	.03277	1.89117	1.46451	-.07969	.00248	-.00973	.02168	.07770	.00114	.07634
GRADIENT		.00102	-.00000	.03526	-.00065	.00010	-.00026	.00561	.00081	.00000	.00081

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TABULATED SOURCE DATA, AEDC VA674

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AEDC VA674 (0477/78) (826C9797) (W16E28) (V083)

(RTND67) (10 JAN 74)

REFERENCE DATA

REF = 07.1366 80-IN. XHMP = 12.6250 INCHES
LREF = 7.1220 INCHES YHMP = .0000 INCHES
BREF = 14.0320 INCHES ZHMP = -.3750 INCHES
SCALE = .0150

BETA = .000 ELEVTR = 10.000
AILRON = 5.000 BDFLAP = -11.700
SPDRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 350/ 0 RN/L = 4.50 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.666	.02127	4.57970	.32943	-.03187	-.00060	-.00250	.00375	.06674	.00492	.06183
9.950	17.000	.02245	4.57970	.36566	-.03373	-.00046	-.00267	.00615	.06704	.00492	.06213
9.950	19.000	.02377	4.57970	.43521	-.03669	-.00048	-.00311	.00689	.06794	.00492	.06302
9.950	21.000	.02527	4.57970	.50863	-.03966	-.00042	-.00366	.00764	.06972	.00492	.06481
9.950	23.000	.03269	4.57970	.58584	-.04312	-.00042	-.00410	.00834	.07131	.00492	.06640
9.950	25.000	.03504	4.57970	.66682	-.04708	.00009	-.00450	.00906	.07283	.00492	.06792
9.950	27.000	.03763	4.57970	.75017	-.05166	-.00057	-.00486	.00969	.07413	.00492	.06923
9.950	29.000	.03906	4.57970	.83642	-.05721	-.00050	-.00513	.01022	.07558	.00492	.07067
9.950	31.000	.04186	4.57970	.92479	-.06353	-.00061	-.00560	.01069	.07708	.00492	.07217
9.950	33.000	.04392	4.57970	1.01529	-.07052	-.00116	-.00594	.01106	.07845	.00492	.07354
9.950	35.000	.04694	4.57970	1.10753	-.07822	-.00067	-.00630	.01151	.07965	.00492	.07473
9.950	37.000	.04615	4.57970	1.20555	-.08626	-.00069	-.00663	.01189	.08045	.00492	.07554
9.950	39.000	.04677	4.57970	1.29201	-.09441	-.00103	-.00686	.01236	.08106	.00492	.07614
9.950	41.000	.04792	4.57970	1.38338	-.10286	-.00153	-.00719	.01226	.08133	.00492	.07642
9.950	43.000	.04930	4.57970	1.47581	-.11203	-.00156	-.00764	.01268	.08120	.00492	.07629
9.950	45.000	.05005	4.57970	1.56321	-.12163	-.00158	-.00802	.01321	.08060	.00492	.07568
9.950	45.979	.05121	4.57970	1.60707	-.12721	-.00196	-.00832	.01380	.08061	.00492	.07570
GRADIENT		.00159	-.00000	.03694	-.00164	.00006	-.00023	.00036	.00069	-.00000	.00069

RUN NO. 970/ 0 RN/L = 3.50 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.642	.01869	3.49732	.29436	-.02649	-.00059	-.00246	.00556	.06182	.00218	.05961
8.000	17.000	.01920	3.49732	.33573	-.02817	-.00002	-.00262	.00600	.06253	.00219	.06032
8.000	19.000	.02224	3.49732	.40381	-.03033	.00000	-.00307	.00874	.06370	.00218	.06148
8.000	21.000	.02527	3.49732	.47596	-.03292	.00031	-.00357	.00746	.06550	.00218	.06328
8.000	23.000	.02746	3.49732	.53226	-.03634	.00041	-.00394	.00817	.06731	.00218	.06509
8.000	25.000	.03096	3.49732	.63256	-.04039	.00012	-.00448	.00885	.06931	.00218	.06709
8.000	27.000	.03250	3.49732	.71664	-.04504	.00033	-.00482	.00941	.07107	.00218	.06885
8.000	29.000	.03504	3.49732	.80311	-.05056	-.00021	-.00520	.00987	.07302	.00218	.07081
8.000	31.000	.03691	3.49732	.89222	-.05675	-.00019	-.00559	.01038	.07511	.00218	.07289
8.000	33.000	.03847	3.49732	.98319	-.06366	-.00022	-.00595	.01084	.07678	.00218	.07437
8.000	35.000	.03971	3.49732	1.07584	-.07134	.00000	-.00632	.01128	.07799	.00218	.07577
8.000	37.000	.04110	3.49732	1.16815	-.07942	.00013	-.00673	.01168	.07894	.00218	.07673
8.000	39.000	.04112	3.49732	1.26056	-.08780	-.00010	-.00722	.01204	.07995	.00218	.07773
8.000	41.000	.04391	3.49732	1.35199	-.09605	.00012	-.00760	.01233	.08004	.00218	.07783
8.000	43.000	.04596	3.49732	1.44181	-.10470	-.00001	-.00783	.01258	.08040	.00218	.07618
8.000	45.000	.04480	3.49732	1.53132	-.11339	-.00006	-.00816	.01279	.08010	.00218	.07788
8.000	45.792	.04451	3.49732	1.57022	-.11697	-.00006	-.00820	.01291	.07983	.00218	.07781
GRADIENT		.00134	.00000	.03619	-.00145	.00007	-.00022	.00035	.00081	-.00000	.00080

REFERENCE DATA

BREF = 87.1840 50-IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

AEDC VA474(OA77/78) (826C9FTM7) (W118E26) (V0R3)

(RTN087) (10 JAN 74)

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
AILRON = 5.000 BDFLAP = -11.700
SPCBAR = 55.000 RUDDER = .000

RUN NO. 1500/ 0 RM/L = 1.80 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.875	.00910	1.88966	.29095	-.02326	.00077	-.00206	.00541	.06117	.00097	.08018
10.090	17.000	.01134	1.88966	.33259	-.02395	.00001	-.00250	.00592	.06139	.00097	.08039
10.090	19.000	.01307	1.88966	.40098	-.02552	.00077	-.00296	.00667	.06413	.00097	.08314
10.090	21.000	.01338	1.88966	.47043	-.02806	.00119	-.00312	.00745	.06482	.00097	.08382
10.090	23.000	.01596	1.88966	.54711	-.03070	.00121	-.00375	.00816	.06640	.00097	.08540
10.090	25.000	.01762	1.88966	.62592	-.03459	.00079	-.00413	.00881	.06863	.00097	.08764
10.090	27.000	.02088	1.88966	.70885	-.03904	-.00010	-.00485	.00940	.07054	.00097	.08955
10.090	29.000	.01823	1.88966	.79398	-.04427	.00106	-.00446	.00998	.07230	.00097	.09131
10.090	31.000	.02077	1.88966	.88431	-.05046	.00075	-.00512	.01058	.07444	.00097	.09345
10.090	33.000	.02650	1.88966	.97623	-.05753	.00125	-.00523	.01110	.07641	.00097	.09542
10.090	35.000	.02155	1.88966	1.06855	-.06528	.00136	-.00558	.01156	.07770	.00097	.09761
10.090	37.000	.02264	1.88966	1.16246	-.07357	.00103	-.00602	.01198	.07904	.00097	.09905
10.090	39.000	.02450	1.88966	1.25655	-.08219	.00069	-.00658	.01236	.08038	.00097	.09939
10.090	41.000	.02444	1.88966	1.35101	-.09096	.00079	-.00683	.01271	.08136	.00097	.09937
10.090	43.000	.02496	1.88966	1.44804	-.10042	.00099	-.00721	.01307	.08258	.00097	.09859
10.090	45.000	.02566	1.88966	1.54193	-.10396	.00062	-.00763	.01340	.08277	.00097	.09818
GRADIENT		.00064	-.00500	.03590	-.00121	.00006	-.00021	.00037	.00080	.00000	.00080

AEDC VA474 (0477/70) (020C07M7) (W10E20) (V0R3)

(RTN000) (10 JAN 74)

REFERENCE DATA

WREF = 07.1500 IN. ZMP = 12.0250 INCHES
LREF = 7.1220 INCHES YMP = .0000 INCHES
BREF = 14.0320 INCHES ZMP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -5.000
AILROM = 15.000 BDFLAP = -11.700
SPDRK = 55.000 RUDDER = .000

RUN NO. 450/ 0 RN/L = 4.61 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	.01092	.30363	4.60700	-.01165	-.00017	-.00130	.00702	.00486	.00486	.00486	.03791
9.950	.01198	.33739	4.60700	-.01229	.00004	-.00147	.00754	.00486	.00486	.00486	.03785
9.950	.01356	.40395	4.60700	-.01265	-.00011	-.00191	.00837	.00486	.00486	.00486	.03811
9.950	.01604	.47382	4.60700	-.01235	.00057	-.00233	.00968	.00486	.00486	.00486	.03914
9.950	.02182	.54632	4.60700	-.01243	.00039	-.00281	.01076	.00486	.00486	.00486	.04013
9.950	.02519	.62309	4.60700	-.01299	.00029	-.00328	.01198	.00486	.00486	.00486	.04072
9.950	.02551	.70234	4.60700	-.01427	.00063	-.00342	.01309	.00486	.00486	.00486	.04120
9.950	.02782	.78433	4.60700	-.01656	.00029	-.00375	.01430	.00486	.00486	.00486	.04193
9.950	.03039	.86813	4.60700	-.01949	.00041	-.00419	.01548	.00486	.00486	.00486	.04285
9.950	.03240	.95393	4.60700	-.02310	.00038	-.00455	.01651	.00486	.00486	.00486	.04326
9.950	.03485	1.04242	4.60700	-.02736	.00069	-.00504	.01766	.00486	.00486	.00486	.04390
9.950	.03707	1.13982	4.60700	-.03211	.00075	-.00550	.01877	.00486	.00486	.00486	.04486
9.950	.03878	1.21893	4.60700	-.03701	.00058	-.00589	.01970	.00486	.00486	.00486	.04539
9.950	.04032	1.30540	4.60700	-.04248	.00117	-.00637	.02069	.00486	.00486	.00486	.04613
9.950	.04300	1.39153	4.60700	-.04835	.00160	-.00705	.02176	.00486	.00486	.00486	.04720
9.950	.04480	1.47633	4.60700	-.05461	.00161	-.00763	.02273	.00486	.00486	.00486	.04861
9.950	.04531	1.52293	4.60700	-.05764	.00192	-.00784	.02321	.00486	.00486	.00486	.04977
9.950	.04158	.03500	.00000	-.00010	.00006	-.00022	.00034	-.00000	-.00000	-.00000	.00034

RUN NO. 1600/ 0 RN/L = 1.68 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.000	.00373	.27502	1.67615	-.00375	.00102	-.00136	.00585	.00486	.00486	.00486	.05971
10.000	.00373	.31755	1.67615	-.00437	.00129	-.00140	.00585	.00486	.00486	.00486	.05966
10.000	.00379	.38547	1.67615	-.00319	.00142	-.00169	.00772	.00486	.00486	.00486	.06087
10.000	.00897	.45386	1.67615	-.00246	.00168	-.00220	.00895	.00486	.00486	.00486	.06150
10.000	.01077	.52827	1.67615	-.00250	.00185	-.00266	.01014	.00486	.00486	.00486	.06300
10.000	.01222	.60780	1.67615	-.00276	.00201	-.00305	.01142	.00486	.00486	.00486	.06419
10.000	.01259	.68632	1.67615	-.00383	.00224	-.00323	.01267	.00486	.00486	.00486	.06515
10.000	.01473	.77413	1.67615	-.00560	.00255	-.00330	.01395	.00486	.00486	.00486	.06647
10.000	.01496	.86479	1.67615	-.00475	.00283	-.00389	.01536	.00486	.00486	.00486	.06819
10.000	.01696	.95076	1.67615	-.00325	.00262	-.00403	.01656	.00486	.00486	.00486	.06994
10.000	.01455	1.05076	1.67615	-.01777	.00198	-.00434	.01784	.00486	.00486	.00486	.06967
10.000	.02120	1.14319	1.67615	-.02495	.00277	-.00516	.01927	.00486	.00486	.00486	.07000
10.000	.02120	1.23812	1.67615	-.02873	.00273	-.00603	.02039	.00486	.00486	.00486	.07133
10.000	.02208	1.32562	1.67615	-.03599	.00282	-.00642	.02173	.00486	.00486	.00486	.07113
10.000	.00073	.03517	.00000	.00032	.00010	-.00019	.00063	.00000	.00000	.00000	.00049

AEDC VA474 (0A77770) (B26C9PTN7) (M110E20) (V0R3)

(RTM000) (10 JAN 74)

REFERENCE DATA

MACH = 07.1900 30.1N. XMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BRFP = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILROW = 10.000 BDFLAP = -11.700
 SPDRK = 55.000 RUDDER = .000

RUN NO. 430/ 0 RM/L = 4.04 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.811	.01166	4.64400	.30316	-.01423	-.00010	-.00140	.00594	.06200	.00486	.03713
9.950	17.000	.01339	4.64400	.34083	-.01502	-.00038	-.00161	.00644	.06199	.00486	.03712
9.950	18.000	.01639	4.64400	.40451	-.01552	-.00052	-.00195	.00739	.06219	.00486	.03732
9.950	20.000	.01971	4.64400	.47802	-.01583	-.00031	-.00242	.00835	.06323	.00486	.03836
9.950	23.000	.02248	4.64400	.55182	-.01607	-.00009	-.00283	.00927	.06413	.00486	.03926
9.950	25.000	.02577	4.64400	.62956	-.01736	-.00026	-.00328	.01027	.06483	.00486	.03996
9.950	27.000	.02863	4.64400	.70914	-.01923	-.00048	-.00345	.01119	.06523	.00486	.04037
9.950	29.000	.03277	4.64400	.79230	-.02211	-.00072	-.00374	.01205	.06581	.00486	.04095
9.950	31.000	.03116	4.64400	.87793	-.02593	-.00060	-.00416	.01298	.06639	.00486	.04153
9.950	33.000	.03114	4.64400	.96507	-.03042	-.00001	-.00432	.01378	.06689	.00486	.04203
9.950	35.000	.03396	4.64400	1.05497	-.03539	-.00033	-.00478	.01453	.06758	.00486	.04221
9.950	37.000	.03611	4.64400	1.14374	-.04090	-.00044	-.00521	.01546	.06822	.00486	.04287
9.950	39.000	.03781	4.64400	1.23242	-.04791	-.00052	-.00556	.01613	.06862	.00486	.04335
9.950	41.000	.03901	4.64400	1.32105	-.05313	-.00044	-.00595	.01682	.06917	.00486	.04390
9.950	43.013	.04123	4.64400	1.40909	-.06004	-.00017	-.00650	.01758	.06950	.00486	.04514
9.950	45.010	.04221	4.64400	1.49348	-.06738	-.00043	-.00689	.01824	.06937	.00486	.04550
9.950	46.184	.04231	4.64400	1.54319	-.07164	-.00017	-.00758	.01864	.06913	.00486	.04645
GRADIENT		.00132	.00000	.03333	-.00029	.00001	-.00021	.00047	.00033	.00000	.00033

RUN NO. 1590/ 0 RM/L = 1.86 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.498	.00454	1.86443	.27847	-.00702	.00035	-.00141	.00523	.06069	.00100	.03967
10.090	17.000	.00702	1.86443	.32426	-.00581	.00064	-.00160	.00550	.06087	.00100	.03986
10.090	18.000	.00942	1.86443	.39215	-.00499	.00036	-.00211	.00697	.06158	.00100	.04037
10.090	20.000	.00962	1.86443	.46209	-.00432	.00086	-.00224	.00791	.06256	.00100	.04155
10.090	23.000	.01107	1.86443	.53326	-.00494	.00109	-.00283	.00913	.06390	.00100	.04289
10.090	25.000	.01208	1.86443	.61557	-.00610	.00132	-.00293	.01017	.06488	.00100	.04387
10.090	27.000	.01212	1.86443	.71164	-.00723	.00151	-.00301	.01119	.06599	.00100	.04497
10.090	29.000	.01352	1.86443	.80521	-.01067	.00108	-.00334	.01230	.06701	.00100	.04600
10.090	31.000	.01430	1.86443	.88124	-.01377	.00126	-.00362	.01334	.06873	.00100	.04771
10.090	33.000	.01508	1.86443	.97555	-.01934	.00159	-.00392	.01437	.06968	.00100	.04887
10.090	35.000	.01898	1.86443	1.06842	-.02651	.00138	-.00447	.01500	.06994	.00100	.04893
10.090	37.000	.01900	1.86443	1.16625	-.03295	.00088	-.00504	.01627	.07058	.00100	.04937
10.090	39.000	.02066	1.86443	1.26164	-.03940	.00139	-.00553	.01728	.07030	.00100	.04929
10.090	41.000	.02070	1.86443	1.35973	-.04743	.00157	-.00589	.01809	.07067	.00100	.04966
10.090	43.000	.02191	1.86443	1.45984	-.05348	.00119	-.00637	.01872	.06991	.00100	.04990
10.090	45.000	.02204	1.86443	1.55519	-.06276	.00125	-.00663	.01925	.06847	.00100	.04946
10.090	46.215	.02195	1.86443	1.58296	-.06630	.00080	-.00637	.01939	.06887	.00100	.04982
GRADIENT		.00061	.00000	.03303	-.00011	.00013	-.00016	.00032	.00046	.00000	.00046

AEDC VA474(0477778) (026C9F7M7) (M10C26) (V083)

(RTN078) (10 JAN 74)

REFERENCE DATA

BREF = 07.1560 80-IN. YMP = 12.0250 INCHES
 LREF = 7.1220 INCHES YMP = .0000 INCHES
 BREF = 14.0320 INCHES YMP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = 5.000
 AIRLOW = 3.000 BDFLAP = -11.700
 SPOBRK = 55.000 RUCCER = .000

PARAMETRIC DATA

RUN NO. 440/ 0 RN/L = 4.61 GRADIENT INTERVAL = 14.00/ 25.00

MACN	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.000	.01182	4.61227	.31296	-.01941	-.00132	-.00127	.00380	-.06235	.00486	.03750
9.950	17.000	.01203	4.61227	.34802	-.02064	-.00095	-.00136	.00415	.06216	.00486	.03751
9.950	19.000	.01475	4.61227	.41570	-.02195	-.00117	-.00166	.00475	.06218	.00486	.03773
9.950	21.000	.01746	4.61227	.48661	-.02304	-.00104	-.00206	.00531	.06362	.00486	.03677
9.950	23.000	.01966	4.61227	.56179	-.02472	-.00108	-.00236	.00581	.06475	.00486	.03590
9.950	25.000	.02131	4.61227	.64064	-.02701	-.00094	-.00263	.00642	.06554	.00486	.03669
9.950	27.000	.02303	4.61227	.72227	-.03003	-.00170	-.00281	.00689	.06615	.00486	.03610
9.950	29.000	.02488	4.61227	.80651	-.03406	-.00140	-.00288	.00738	.06700	.00486	.03614
9.950	31.000	.02443	4.61227	.89261	-.03903	-.00112	-.00319	.00789	.06789	.00486	.03504
9.950	33.000	.02594	4.61227	.98246	-.04466	-.00170	-.00340	.00826	.06864	.00486	.03379
9.950	35.000	.02756	4.61227	1.07292	-.05094	-.00172	-.00371	.00874	.06907	.00486	.03422
9.950	37.000	.02889	4.61227	1.16359	-.05801	-.00134	-.00406	.00926	.06952	.00486	.03417
9.950	39.000	.03033	4.61227	1.25593	-.06524	-.00156	-.00436	.00961	.06986	.00486	.03381
9.950	41.000	.03035	4.61227	1.34450	-.07290	-.00129	-.00453	.00976	.06878	.00486	.03352
9.950	43.000	.03114	4.61227	1.43299	-.08059	-.00139	-.00480	.01001	.06697	.00486	.03212
9.950	45.000	.03179	4.61227	1.52121	-.08851	-.00147	-.00507	.01036	.06580	.00486	.03095
9.950	46.127	.03211	4.61227	1.57528	-.09454	-.00160	-.00521	.01059	.06535	.00486	.03050
GRADIENT		.00112	.00000	.03505	-.00078	.00002	-.00016	.00028	.00038	-.00000	.00038

RUN NO. 1560/ 0 RN/L = 1.66 GRADIENT INTERVAL = 14.00/ 25.00

MACN	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.000	15.593	.00668	1.67698	.28864	-.01081	-.00127	-.00129	.00373	.06165	.00104	.04560
10.000	17.000	.00503	1.67698	.33232	-.01018	-.00005	-.00109	.00409	.06177	.00105	.06071
10.000	19.000	.00704	1.67698	.40249	-.01024	-.00080	-.00145	.00478	.06267	.00105	.06161
10.000	21.000	.00539	1.67698	.47436	-.01060	-.00081	-.00177	.00545	.06338	.00105	.06233
10.000	23.000	.00905	1.67698	.53257	-.01213	-.00036	-.00197	.00605	.06470	.00105	.06365
10.000	25.000	.00961	1.67698	.63582	-.01441	-.00039	-.00213	.00672	.06592	.00105	.06487
10.000	27.000	.01025	1.67698	.72150	-.01692	-.00063	-.00231	.00738	.06706	.00105	.06600
10.000	29.000	.01131	1.67698	.80894	-.02262	-.00032	-.00262	.00797	.06812	.00105	.06708
10.000	31.000	.01248	1.67698	.90580	-.02794	-.00035	-.00295	.00865	.06991	.00105	.06885
10.000	33.000	.01251	1.67698	1.00266	-.03323	-.00034	-.00305	.00915	.07115	.00105	.06909
10.000	35.000	.01421	1.67698	1.10126	-.04076	-.00091	-.00348	.00946	.07258	.00105	.07103
10.000	37.000	.01591	1.67698	1.20500	-.04867	-.00091	-.00407	.01016	.07265	.00105	.07155
10.000	39.000	.01595	1.67698	1.29706	-.05068	-.00229	-.00422	.01045	.07292	.00105	.07187
10.000	41.000	.01601	1.67698	1.39218	-.05171	-.00093	-.00439	.01059	.07272	.00105	.07166
10.000	43.000	.01716	1.67698	1.49670	-.05240	-.00082	-.00481	.01150	.07277	.00105	.07172
10.000	45.000	.01718	1.67698	1.59277	-.05878	-.00100	-.00520	.01174	.07275	.00105	.07169
GRADIENT		.00643	.00000	.03607	-.00037	.00002	-.00011	.00032	.00046	.00000	.00046

(RTN071) (10 JAN 74)

AEDC VA474 (OAT7778) (B-3C9FTM7) (W110F28) (VARS)

REFERENCE DATA

SREF = 87.1580 INCHES
 LREF = 7.1220 INCHES
 BREF = 14.0520 INCHES
 SCALE = .0150

BETA = .000
 ELCYR = -10.000
 AILRON = 15.000
 SPCBRK = 5.000
 RUDDER = .000

PARAMETRIC DATA

RUN NO. 410/ 0 RN/L = 4.67 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	C/M	Y	CYN	CBL	CA	CAB	CAF
9.950	15.914	.00404	4.66621	.29557	-.00443	-.00098	-.00037	.00332	.06123	.00484	.05640
9.950	17.000	.00507	4.66621	.32556	-.00456	-.00101	-.00049	.00364	.06098	.00484	.05615
9.950	19.000	.00632	4.66621	.39138	-.00401	-.00069	-.00069	.00338	.05777	.00484	.05594
9.950	21.000	.00893	4.66621	.45985	-.00288	-.00045	-.00106	.00721	.06110	.00484	.05627
9.950	23.000	.01086	4.66621	.53215	-.00221	-.00018	-.00135	.00911	.06174	.00484	.05690
9.950	25.000	.01459	4.66621	.60729	-.00190	.00013	-.00163	.00909	.06199	.00484	.05716
9.950	27.000	.01373	4.66621	.68537	-.00235	-.00002	-.00179	.01008	.06211	.00484	.05728
9.950	29.000	.01507	4.66621	.76665	-.00362	-.00062	-.00200	.01109	.06226	.00484	.05743
9.950	31.000	.01575	4.66621	.84898	-.00550	.00013	-.00229	.01212	.06268	.00484	.05785
9.950	33.000	.01820	4.66621	.93488	-.00823	-.00002	-.00252	.01303	.06322	.00484	.05839
9.950	35.000	.01972	4.66621	1.02195	-.01154	.00068	-.00288	.01400	.06321	.00484	.05838
9.950	37.000	.02220	4.66621	1.10810	-.01543	.00066	-.00331	.01594	.06262	.00484	.05779
9.950	39.000	.02327	4.66621	1.19579	-.01974	.00075	-.00357	.01595	.06168	.00484	.05684
9.950	41.000	.02538	4.66621	1.28145	-.02419	.00070	-.00400	.01689	.06044	.00484	.05561
9.950	43.000	.02711	4.66621	1.36679	-.02914	.00145	-.00443	.01795	.05981	.00464	.05397
9.950	45.000	.02929	4.66621	1.45097	-.03465	.00132	-.00505	.01895	.05733	.00484	.05250
9.950	46.128	.02931	4.66621	1.49855	-.03769	.00228	-.00519	.01945	.05646	.00484	.05162
GRADIENT		.00096	.00000	.03444	.00032	.00013	-.00014	.00042	.00010	.00000	.00010

RUN NO. 930/ 0 RN/L = 5.51 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLN	CY	CYN	CBL	CA	CAB	CAF
8.000	15.767	.00454	3.51260	.26630	-.00150	-.00133	-.00045	.00424	.05631	.00220	.05408
8.000	17.000	.00462	3.51260	.30170	-.00084	-.00103	-.00050	.00460	.05615	.00220	.05392
8.000	19.000	.00593	3.51260	.36412	.00057	-.00060	-.00072	.00533	.05646	.00220	.05423
8.000	21.000	.00873	3.51260	.43109	.00188	-.00095	-.00110	.00618	.05727	.00220	.05504
8.000	23.000	.00966	3.51260	.50171	.00298	-.00045	-.00131	.00711	.05771	.00220	.05547
8.000	25.000	.01188	3.51260	.57640	.00339	-.00072	-.00162	.00802	.05836	.00220	.05612
8.000	27.000	.01281	3.51260	.65423	.00279	-.00056	-.00180	.00899	.05893	.00220	.05670
8.000	29.000	.01328	3.51260	.73543	.00174	-.00056	-.00191	.00992	.05962	.00220	.05739
8.000	31.000	.01402	3.51260	.81914	-.00018	-.00026	-.00210	.01036	.06055	.00220	.05831
8.000	33.000	.01517	3.51260	.90550	.00275	-.00069	-.00234	.01209	.06120	.00220	.05836
8.000	35.000	.01591	3.51260	.99183	-.00615	.00037	-.00257	.01317	.06125	.00220	.05802
8.000	37.000	.01684	3.51260	1.07897	-.00997	.00090	-.00286	.01430	.06078	.00220	.05835
8.000	39.000	.01872	3.51260	1.16646	-.01431	.00133	-.00330	.01538	.06024	.00220	.05801
8.000	41.000	.02042	3.51260	1.25343	-.01893	.00191	-.00375	.01641	.05937	.00220	.05713
8.000	43.000	.02311	3.51260	1.33940	-.02405	.00158	-.00430	.01737	.05826	.00220	.05602
8.000	45.000	.02389	3.51260	1.42365	-.02908	.00222	-.00467	.01827	.05691	.00220	.05468
8.000	45.879	.02433	3.51260	1.45624	-.03071	.00213	-.00479	.01856	.05624	.00220	.05401
GRADIENT		.00083	.00000	.03358	.00056	.00037	-.00013	.00041	.00024	-.00000	.00024

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(OA77/78) (826C9F7M7) (W118EP6) (V885)

(RTM071) (10 JAN 74)

REFERENCE DATA

REF = 87.1560 50-IN. XMRP = 12.6250 INCHES
LREF = 7.1520 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -10.000
ALLROW = 15.000 BDCLAP = -11.700
SPDRK = 55.000 RUDDER = .000

RUN NO. 1460/ 0 RN/L = 1.90 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.644	.00196	1.89598	.26153	-.00057	.00069	-.00050	.00398	.05682	.00099	.05582
10.090	17.000	.00054	1.89598	.30041	.00110	.00150	-.00030	.00445	.05633	.00100	.05533
10.090	19.000	.00156	1.89598	.36330	.00332	.00193	-.00058	.00325	.05719	.00100	.05619
10.090	21.000	.00362	1.89598	.42797	.00516	.00128	-.00096	.00612	.05763	.00100	.05663
10.090	23.000	.00526	1.89598	.49882	.00630	.00118	-.00133	.00793	.05863	.00099	.05763
10.090	25.000	.00603	1.89598	.57295	.00709	.00135	-.00154	.00798	.05923	.00100	.05823
10.090	27.000	.00719	1.89598	.64996	.00841	.00240	-.00116	.00900	.05974	.00100	.05874
10.090	29.000	.00719	1.89598	.72965	.00937	.00182	-.00192	.01005	.06080	.00100	.05979
10.090	31.000	.00725	1.89598	.81455	.00411	.00178	-.00197	.01113	.06164	.00100	.06064
10.090	33.000	.00750	1.89598	.90675	.00156	.00196	-.00209	.01228	.06214	.00099	.06114
10.090	35.000	.00808	1.89598	.98656	-.00160	.00240	-.00233	.01342	.06218	.00100	.06118
10.090	37.000	.00997	1.89598	1.07463	-.00593	.00245	-.00288	.01456	.06203	.00099	.06103
10.090	39.000	.01110	1.89598	1.16389	-.01055	.00257	-.00327	.01566	.06199	.00100	.06099
10.090	41.000	.01190	1.89598	1.25479	-.01513	.00280	-.00361	.01672	.06131	.00099	.06031
10.090	43.000	.01296	1.89598	1.34702	-.02042	.00279	-.00401	.01775	.06073	.00099	.05973
10.090	45.000	.01333	1.89598	1.43599	-.02563	.00263	-.00425	.01866	.05999	.00099	.05899
10.090	45.208	.01315	1.89598	1.44529	-.02599	.00256	-.00423	.01876	.05991	.00099	.05891
	GRADIENT	.00056	-.00000	.00326	.00083	.00002	-.00013	.00043	.00030	.00000	.00030

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E28) (V085)

(RTM072) (10 JAN 74)

REFERENCE DATA

BREF = 07.1500 INCHES XMRP = 12.8250 INCHES
 LREF = 7.1280 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -5.000
 AILROM = 10.000 BDPLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 390/ 0 RN/L = 4.67 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.877	.00864	4.66686	.29817	-.00655	-.00086	-.00069	.00420	.06010	.00489	.05523
9.950	17.000	.00745	4.66686	.33131	-.00674	-.00080	-.00080	-.00433	.06010	.00489	.05523
9.950	18.000	.00857	4.66686	.39688	-.00619	-.00061	-.00098	.00320	.05972	.00489	.05485
9.950	21.000	.01068	4.66686	.46581	-.00345	-.00055	-.00126	-.00396	.06022	.00489	.05535
9.950	23.000	.01283	4.66686	.53824	-.00497	-.00057	-.00155	-.00675	.06075	.00489	.05588
9.950	25.000	.01321	4.66686	.61417	-.00495	-.00080	-.00172	-.07762	.06107	.00489	.05620
9.950	27.000	.01358	4.66686	.69251	-.00482	-.00030	-.00194	.00843	.06104	.00489	.05617
9.950	29.000	.01662	4.66686	.77431	-.00754	-.00059	-.00213	.00326	.06115	.00489	.05628
9.950	31.000	.01801	4.66686	.85819	-.01034	-.00007	-.00243	.01508	.06138	.00489	.05651
9.950	33.000	.01966	4.66686	.94456	-.01353	-.00055	-.00265	.01981	.06145	.00489	.05658
9.950	35.000	.02093	4.66686	1.03164	-.01752	-.00017	-.00294	.01158	.06104	.00489	.05617
9.950	37.000	.02271	4.66686	1.12938	-.02207	-.00012	-.00328	.01234	.06047	.00489	.05553
9.950	39.000	.02400	4.66686	1.20848	-.02721	-.00043	-.00353	.01295	.05942	.00489	.05455
9.950	41.000	.02527	4.66686	1.29536	-.03255	-.00052	-.00382	.01358	.05801	.00489	.05314
9.950	43.000	.02631	4.66686	1.38195	-.03858	-.00063	-.00416	.01432	.05645	.00489	.05158
9.950	45.000	.02840	4.66686	1.46769	-.04454	-.00082	-.00463	.01499	.05455	.00489	.04988
9.950	46.034	.02901	4.66686	1.51310	-.04768	-.00087	-.00483	.01533	.05389	.00489	.04912
GRADIENT		.00078	-.00000	.03469	.00022	.00010	-.00012	.00037	.00011	-.00000	.00011

RUN NO. 1670/ 0 RN/L = 1.88 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.741	.00243	1.88356	.26583	-.00044	-.00040	-.00048	.00343	.05686	.00116	.05571
10.090	17.000	.00131	1.88356	.30215	-.00100	.00020	-.00031	.00379	.05698	.00116	.05583
10.090	18.000	.00372	1.88356	.36577	-.00325	-.00045	-.00076	.00454	.05750	.00116	.05635
10.090	21.000	.00440	1.88356	.43072	-.00448	-.00045	-.00093	.00531	.05818	.00116	.05793
10.090	23.000	.00553	1.88356	.50235	-.00542	-.00045	-.00119	.00612	.05885	.00116	.05770
10.090	25.000	.00602	1.88356	.57682	-.00556	-.00033	-.00134	.00694	.06008	.00116	.05893
10.090	27.000	.00624	1.88356	.65655	-.00519	-.00019	-.00143	.00786	.06013	.00116	.05898
10.090	29.000	.00739	1.88356	.73177	-.00391	-.00027	-.00172	.00873	.06102	.00116	.05987
10.090	31.000	.00740	1.88356	.82414	-.00355	-.00018	-.00182	.00958	.06220	.00116	.06105
10.090	33.000	.00853	1.88356	.91269	-.00515	-.00007	-.00210	.01045	.06235	.00116	.06119
10.090	35.000	.00994	1.88356	1.00436	-.00580	.00013	-.00254	.01130	.06318	.00116	.06202
10.090	37.000	.01032	1.88356	1.09237	-.01050	.00045	-.00274	.01217	.06221	.00116	.06195
10.090	39.000	.01157	1.88356	1.18239	-.01594	.00046	-.00315	.01298	.06159	.00116	.06243
10.090	41.000	.01232	1.88356	1.27551	-.02213	.00046	-.00345	.01376	.06081	.00116	.05965
10.090	43.000	.01290	1.88356	1.37055	-.02807	.00042	-.00372	.01454	.05935	.00116	.05819
10.090	45.000	.01376	1.88356	1.46256	-.03428	.00042	-.00410	.01519	.05775	.00116	.05659
GRADIENT		.00048	.00000	.03356	.00066	-.00003	-.00011	.00038	.00034	.00000	.00034

AEDC YA474 (0A77/76) (B26C9F7M7) (N116226) (V0R3)

(RTN073) (10 JAN 74)

REFERENCE DATA

BREF = 87.1560 INCHES ZMRP = 12.0250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

BETA = .000 ELEYTR = .000
AILROM = 5.000 BDFLAP = -11.700
SPBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 400/ 0 RN/L = 4.66 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.932	.00721	4.65728	.30434	-.01003	-.00187	-.00067	.00282	.05909	.00480	.05509
5.950	17.000	.00745	4.65728	.33468	-.01046	-.00154	-.00072	.00305	.05968	.00480	.05489
5.950	18.000	.00869	4.65728	.40155	-.01048	-.00153	-.00088	.00354	.05955	.00480	.05476
5.950	21.000	.01079	4.65728	.47122	-.01031	-.00153	-.00116	.00408	.05991	.00480	.05512
5.950	23.000	.01209	4.65728	.54470	-.01058	-.00140	-.00135	.00460	.06037	.00480	.05558
5.950	23.000	.01334	4.65728	.62178	-.01149	-.00127	-.00155	.00517	.06053	.00480	.05579
5.950	27.000	.01327	4.65728	.70100	-.01310	-.00132	-.00158	.00568	.06085	.00480	.05606
5.950	29.000	.01468	4.65728	.78443	-.01575	-.00179	-.00173	.00620	.06094	.00480	.05614
5.950	31.000	.01854	4.65728	.86990	-.01921	-.00149	-.00196	.00672	.06112	.00480	.05632
5.950	33.000	.01604	4.65728	.95709	-.02353	-.00199	-.00209	.00706	.06138	.00480	.05658
5.950	35.000	.01855	4.65728	1.04560	-.02872	-.00217	-.00236	.00748	.06124	.00480	.05644
5.950	37.000	.01998	4.65728	1.13548	-.03435	-.00176	-.00269	.00800	.06080	.00480	.05600
5.950	39.000	.02124	4.65728	1.22489	-.04045	-.00195	-.00293	.00841	.05951	.00480	.05512
5.950	41.000	.02117	4.65728	1.31365	-.04699	-.00197	-.00301	.00867	.05865	.00480	.05386
5.950	43.000	.02196	4.65728	1.40160	-.05390	-.00177	-.00326	.00905	.05706	.00480	.05226
5.950	45.000	.02328	4.65728	1.48810	-.06115	-.00200	-.00357	.00941	.05552	.00480	.05073
5.950	46.176	.02307	4.65728	1.54009	-.06658	-.00176	-.00365	.00964	.05486	.00480	.05007
GRADIENT		.00072	.00000	.03509	-.00011	.00004	-.00010	.00026	.00009	-.00000	.00009

RUN NO. 1453/ 0 RN/L = 1.88 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.972	.00271	1.88436	.26757	-.00391	.00035	-.00063	.00247	.05638	.00102	.05536
10.090	17.000	.00218	1.88436	.30921	-.00271	.00072	-.00036	.00275	.05602	.00102	.05501
10.090	19.000	.00298	1.88436	.36975	-.00124	.00040	-.00070	.00327	.05669	.00102	.05568
10.090	21.000	.00275	1.88436	.43574	-.00055	.00111	-.00075	.00382	.05717	.00102	.05616
10.090	23.000	.00332	1.88436	.50839	.00055	.00106	-.00088	.00435	.05797	.00102	.05695
10.090	25.000	.00455	1.88436	.58342	-.00057	.00036	-.00109	.00491	.05834	.00102	.05733
10.090	27.000	.00600	1.88436	.66214	-.00195	.00037	-.00145	.00542	.05901	.00102	.05800
10.090	29.000	.00446	1.88436	.74329	-.00493	.00099	-.00118	.00555	.05930	.00102	.05829
10.090	31.000	.00627	1.88436	.83098	-.00752	.00015	-.00154	.00645	.06023	.00102	.05921
10.090	33.000	.00666	1.88436	.91999	-.01178	.00010	-.00167	.00701	.06079	.00102	.05978
10.090	35.000	.00821	1.88436	1.00909	-.01693	-.00038	-.00204	.00747	.06055	.00102	.05954
10.090	37.000	.00863	1.88436	1.10074	-.02296	-.00036	-.00220	.00793	.06062	.00102	.05961
10.090	39.000	.00945	1.88436	1.19142	-.02927	-.00031	-.00247	.00838	.06035	.00102	.05934
10.090	41.000	.00988	1.88436	1.28485	-.03626	-.00051	-.00266	.00874	.05971	.00102	.05869
10.090	43.000	.01084	1.88436	1.37945	-.04331	-.00092	-.00297	.00910	.05955	.00102	.05852
10.090	45.000	.01244	1.88436	1.47234	-.05059	-.00057	-.00301	.00944	.05841	.00102	.05740
GRADIENT		.00019	.00000	.03390	-.00040	.00002	-.00005	.00026	.00025	-.00000	.00025

AEDC VA474 (0A77/78) (B26CF7M7) (M16E28) (V8R3)

(RTN074) (10 JAN 74)

REFERENCE DATA

SREF = 07.1360 50-IN. ZMRP = 12.8230 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -5.000
 AIRLOW = 5.000 BOFLAP = -11.700
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 490/ 0 RN/L = 4.60 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	17.358	.00599	4.60413	.33794	-.00364	-.00183	-.00051	.00243	.05883	.00486	.05396
5.950	19.000	.00683	4.60413	.39120	-.00278	-.00161	-.00065	.00276	.05865	.00489	.05377
5.950	21.000	.00832	4.60413	.45823	-.00119	-.00141	-.00087	.00317	.05873	.00488	.05385
5.950	23.000	.00966	4.60413	.53037	-.00020	-.00139	-.00105	.00488	.05901	.00488	.05414
5.950	25.000	.01099	4.60413	.60547	.00029	-.00140	-.00124	.00407	.05894	.00486	.05407
5.950	27.000	.01004	4.60413	.68368	-.00011	-.00120	-.00117	.00448	.05877	.00488	.05389
5.950	29.000	.01188	4.60413	.76427	-.00139	-.00205	-.00133	.00489	.05838	.00488	.05350
5.950	31.000	.01224	4.60413	.84798	-.00366	-.00147	-.00149	.00540	.05838	.00488	.05351
5.950	33.000	.01251	4.60413	.93398	-.00677	-.00143	-.00152	.00573	.05811	.00488	.05324
5.950	35.000	.01306	4.60413	1.02132	-.01064	-.00135	-.00169	.00611	.05729	.00488	.05242
5.950	37.000	.01382	4.60413	1.10920	-.01511	-.00129	-.00186	.00651	.05620	.00488	.05133
5.950	39.000	.01433	4.60413	1.19733	-.02009	-.00143	-.00200	.00685	.05479	.00488	.04992
5.950	41.000	.01426	4.60413	1.28455	-.02551	-.00064	-.00212	.00727	.05305	.00488	.04818
5.950	43.000	.01658	4.60413	1.37124	-.03153	-.00119	-.00250	.00770	.05136	.00488	.04648
5.950	45.000	.01631	4.60413	1.45762	-.03775	-.00096	-.00260	.00807	.04906	.00488	.04416
5.950	46.239	.01750	4.60413	1.51042	-.04149	-.00146	-.00277	.00827	.04770	.00488	.04282
5.950	GRADIENT	.00067	-.00000	.03498	.00054	.00006	-.00010	.00021	.00003	-.00000	.00003

RUN NO. 1840/ 0 RN/L = 1.88 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.573	.00379	1.87971	.26324	.00187	-.00104	-.00069	.00171	.05692	.00106	.05583
10.090	17.000	.00472	1.87971	.30173	.00450	-.00140	-.00086	.00193	.05665	.00106	.05554
10.090	19.000	.00260	1.87971	.36323	.00667	-.00039	-.00053	.00230	.05719	.00106	.05611
10.090	21.000	.00208	1.87971	.43083	.00848	-.00001	-.00060	.00274	.05746	.00106	.05639
10.090	23.000	.00059	1.87971	.50317	.01052	.00115	-.00027	.00317	.05767	.00106	.05659
10.090	25.000	.00352	1.87971	.57750	.01022	-.00049	-.00121	.00367	.05898	.00106	.05790
10.090	27.000	-.00032	1.87971	.65905	.01229	.00037	.00000	.00410	.05827	.00106	.05719
10.090	29.000	.00679	1.87971	.73905	.01028	-.00116	-.00148	.00457	.05931	.00106	.05824
10.090	31.000	.00640	1.87971	.82611	.00783	-.00066	-.00077	.00504	.05968	.00106	.05861
10.090	33.000	.00290	1.87971	.91493	.00562	.00041	-.00077	.00550	.05976	.00106	.05869
10.090	35.000	.00320	1.87971	1.00387	.00203	-.00023	-.00129	.00595	.05995	.00106	.05826
10.090	37.000	.00678	1.87971	1.09519	-.00306	-.00070	-.00168	.00639	.05933	.00106	.05826
10.090	39.000	.00733	1.87971	1.18745	-.00849	-.00067	-.00188	.00696	.05850	.00106	.05743
10.090	41.000	.00714	1.87971	1.28070	-.01418	-.00077	-.00188	.00735	.05762	.00106	.05655
10.090	43.000	.00786	1.87971	1.37640	-.02057	-.00096	-.00207	.00779	.05652	.00106	.05545
10.090	45.000	.00826	1.87971	1.46913	-.02668	-.00092	-.00232	.00809	.05527	.00106	.05420
10.090	GRADIENT	-.00005	-.00000	.03359	.00093	.00016	-.00001	.00021	.00001	.00000	.00001

AEDC VA474(0477774) (026C9F7M7) (W116E26) (V0R3)

(RTN973) (10 JAN 74)

REFERENCE DATA

SREF = 97.1960 98.1M. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.9520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = -10.000
 AILRON = 10.000 BDFLAP = -11.700
 SPDGRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 480/ 0 RN/L = 4.62 GRADIENT INTERVAL = 14.0 / 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.483	.00335	4.61606	.28581	-.00135	-.00160	-.00021	.00316	.05985	.00488	.05498
9.950	17.000	.00343	4.61606	.32402	-.00104	-.00112	-.00028	.00346	.05953	.00488	.05466
9.950	19.000	.00501	4.61606	.36839	.00016	-.00101	-.00030	.00398	.05916	.00488	.05429
9.950	21.000	.00703	4.61606	.45591	.00201	-.00078	-.00078	.00452	.05946	.00488	.05459
9.950	23.000	.00867	4.61606	.52674	.00367	-.00065	-.00102	.00509	.05968	.00488	.05482
9.950	25.000	.00953	4.61606	.60108	.00455	-.00032	-.00119	.00578	.05967	.00488	.05480
9.950	27.000	.00918	4.61606	.67848	.00477	-.00022	-.00118	.00639	.05955	.00488	.05468
9.950	29.000	.01065	4.61606	.75829	.00421	-.00093	-.00131	.00714	.05948	.00488	.05461
9.950	31.000	.01155	4.61606	.84062	.00266	-.00041	-.00152	.00786	.05938	.00488	.05451
9.950	33.000	.01211	4.61606	.92359	.00042	-.00049	-.00167	.00846	.05958	.00488	.05421
9.950	35.000	.01338	4.61606	1.01147	-.00255	-.00022	-.00188	.00912	.05912	.00488	.05336
9.950	37.000	.01444	4.61606	1.09863	-.00634	-.00010	-.00210	.00982	.05716	.00488	.05229
9.950	39.000	.01455	4.61606	1.18586	-.01549	.00037	-.00223	.01047	.05578	.00488	.05091
9.950	41.000	.01567	4.61606	1.27222	-.01513	.00067	-.00251	.01117	.05411	.00488	.04924
9.950	43.000	.01753	4.61606	1.35790	-.02010	.00091	-.00291	.01192	.05226	.00488	.04745
9.950	45.000	.01866	4.61606	1.44192	-.02528	.00095	-.00320	.01262	.05003	.00488	.04516
9.950	46.147	.01941	4.61606	1.49337	-.02827	.00113	-.00341	.01299	.04866	.00488	.04379
GRADIENT		.00073	-.00000	.03388	.00068	.00012	-.00011	.00028	.00000	-.00000	.00000

RUN NO. 135-1/ 0 RN/L = 1.88 GRADIENT INTERVAL = 14.00 / 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.722	.00183	1.87982	.26051	.00273	-.00006	-.00039	.00240	.05631	.00099	.05532
10.090	17.000	.00095	1.87982	.29578	.00439	.00083	-.00031	.00266	.05610	.00099	.05511
10.090	19.000	.00166	1.87982	.35938	.00785	.00034	-.00041	.00317	.05630	.00099	.05531
10.090	21.000	.00246	1.87982	.42565	.00959	.00050	-.00061	.00375	.05767	.00099	.05688
10.090	23.000	.00337	1.87982	.49400	.01318	.00136	-.00048	.00436	.05724	.00099	.05625
10.090	25.000	.00305	1.87982	.56597	.01330	.00076	-.00079	.00500	.05804	.00099	.05705
10.090	27.000	.00303	1.87982	.64176	.01356	.00067	-.00079	.00569	.05848	.00099	.05749
10.090	29.000	.00329	1.87982	.72083	.01328	.00096	-.00050	.00642	.05891	.00099	.05792
10.090	31.000	.00336	1.87982	.80156	.01263	.00091	-.00093	.00722	.05942	.00099	.05943
10.090	33.000	.00424	1.87982	.89056	.01037	.00085	-.00116	.00807	.05963	.00099	.05864
10.090	35.000	.00521	1.87982	.97702	.00761	.00105	-.00145	.00887	.05927	.00099	.05828
10.090	37.000	.00497	1.87982	1.06548	.00401	.00148	-.00148	.00965	.05864	.00099	.05765
10.090	39.000	.00611	1.87982	1.15572	-.00511	.00129	-.00180	.01041	.05779	.00099	.05680
10.090	41.000	.00749	1.87982	1.24386	-.00466	.00117	-.00221	.01113	.05687	.00099	.05588
10.090	43.000	.00833	1.87982	1.33581	-.00348	.00124	-.00252	.01187	.05571	.00099	.05472
10.090	45.000	.00920	1.87982	1.42611	-.01452	.00133	-.00287	.01256	.05436	.00099	.05337
GRADIENT		.00013	-.00000	.03298	.00122	.00008	-.00004	.00028	.00021	.00000	.00021

AEDC VA474(0A77/78) (B26C9FTM7) (W116E26) (V025)

(RTN076) (10 JAN 74)

REFERENCE DATA

BREF = 97.1960 88.1N. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -10.000
AILRON = 5.000 BDFLAP = -11.700
SPCBRA = 55.000 RUDDER = .000

RUN NO. 380/ 0 RM/L = 4.67 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.992	.00344	4.66567	.29023	.00103	-.00230	-.00013	.00136	.05889	.00491	.05399
9.950	17.000	.00291	4.66567	.31871	.00140	-.00184	-.00013	.00145	.05862	.00491	.05372
9.950	19.000	.00444	4.66567	.38224	.00320	-.00216	-.00028	.00169	.05796	.00491	.05306
9.950	21.000	.00584	4.66567	.44907	.00527	-.00194	-.00047	.00199	.05806	.00491	.05316
9.950	23.000	.00584	4.66567	.51947	.00703	-.00157	-.00055	.00233	.05821	.00491	.05331
9.950	25.000	.00697	4.66567	.59340	.00849	-.00141	-.00072	.00271	.05801	.00491	.05310
9.950	27.000	.00680	4.66567	.67028	.00895	-.00147	-.00071	.00306	.05770	.00491	.05280
9.950	29.000	.00620	4.66567	.75011	.00852	-.00113	-.00069	.00341	.05745	.00491	.05255
9.950	31.000	.00801	4.66567	.83196	.00735	-.00137	-.00092	.00379	.05708	.00491	.05217
9.950	33.000	.00789	4.66567	.91655	.00539	-.00120	-.00095	.00408	.05665	.00491	.05173
9.950	35.000	.00870	4.66567	1.00283	.00253	-.00092	-.00112	.00448	.05575	.00491	.05105
9.950	37.000	.00988	4.66567	1.08951	-.00090	-.00083	-.00134	.00488	.05444	.00491	.04554
9.950	39.000	.00972	4.66567	1.17644	-.00431	-.00038	-.00141	.00517	.05296	.00491	.04806
9.950	41.000	.01117	4.66567	1.26321	-.00919	-.00056	-.00165	.00545	.05123	.00491	.04633
9.950	43.000	.01162	4.66567	1.34839	-.01389	-.00040	-.00180	.00579	.04911	.00491	.04421
9.950	45.000	.01191	4.66567	1.43242	-.01913	-.00035	-.00191	.00612	.04674	.00491	.04183
9.950	46.260	.01187	4.66567	1.48736	-.02223	-.00020	-.00197	.00632	.04515	.00491	.04023
GRADIENT		.00843	-.00050	.03367	.00087	.00068	-.00007	.00315	-.00008	-.00000	-.00008

RUN NO. 1445/ 0 RM/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.686	.00108	1.88520	.25694	.00424	.00001	-.00023	.00115	.05572	.00113	.05459
10.090	17.000	-.00036	1.88520	.29319	.00618	.00064	.00000	.00121	.05543	.00113	.05431
10.090	19.000	.00226	1.88520	.35566	.00376	-.00002	-.00050	.00149	.05622	.00113	.05309
10.090	21.000	.00130	1.88520	.41945	.01269	.00062	-.00036	.00179	.05613	.00113	.05350
10.090	23.000	.00261	1.88520	.48919	.01497	.00002	-.00059	.00210	.05622	.00113	.05310
10.090	25.000	.00236	1.88520	.56125	.01627	.00019	-.00056	.00242	.05714	.00113	.05801
10.090	27.000	.00437	1.88520	.63684	.01691	-.00041	-.00097	.00278	.05744	.00113	.05631
10.090	29.000	.00514	1.88520	.71594	.01741	-.00012	-.00121	.00315	.05758	.00113	.05645
10.090	31.000	.00198	1.88520	.79570	.01660	.00017	-.00050	.00355	.05772	.00113	.05659
10.090	33.000	.00085	1.88520	.88501	.01492	.00093	-.00033	.00395	.05789	.00113	.05677
10.090	35.000	.00341	1.88520	.97023	.01233	.00023	-.00089	.00438	.05715	.00113	.05602
10.090	37.000	.00437	1.88520	1.05770	.00900	-.00032	-.00118	.00475	.05641	.00113	.05326
10.090	39.000	.00533	1.88520	1.14636	.00484	-.00011	-.00141	.00513	.05535	.00113	.05422
10.090	41.000	.00489	1.88520	1.23634	.00022	.00018	-.00137	.00545	.05422	.00113	.05309
10.090	43.000	.00565	1.88520	1.32860	-.00451	.00008	-.00162	.00582	.05290	.00113	.05178
10.090	44.989	.00617	1.88520	1.41776	-.00943	-.00047	-.00176	.00615	.05125	.00113	.05013
GRADIENT		.00022	-.00050	.03271	.00134	-.00061	-.00005	.00014	.00014	.00000	.00014

DATE 29 AUG 74

TABULATED 3-URCE DATA, AEDC VA474

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AEDC VA474(OAT77/78) (B26C8F7N7) (W116E26) (V0R3)

(RTN077) (10 JAN 74)

REFERENCE DATA

REF = 07.1560 36.1N. Y/P = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BRCP = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = -20.000
 AILRON = 10.000 BDFLAP = -11.700
 SPDORK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 340/ 0 RN/L = 4.62 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CT	CYN	CBL	CA	CAB	CAF
5.950	19.491	-0.0018	4.61599	.28055	.00650	-.00271	.00039	.00202	.06080	.00497	.05583
5.950	17.000	-0.00131	4.61599	.31188	.00699	-.00274	.00035	.00203	.06052	.00497	.05555
5.950	19.000	-0.00067	4.61599	.37499	.00939	-.00251	.00039	.00215	.05959	.00497	.05462
5.950	21.000	.00150	4.61599	.44114	.01230	-.00214	.00008	.00235	.05965	.00497	.05468
5.950	23.000	.00242	4.61599	.51069	.01489	-.00209	-.00005	.00260	.05980	.00497	.05483
5.950	25.000	.00233	4.61599	.58309	.01714	-.00146	-.00012	.00291	.05957	.00497	.05460
5.950	27.000	.00195	4.61599	.65841	.01853	-.00144	-.00008	.00322	.05958	.00497	.05461
5.950	29.000	.00292	4.61599	.73690	.01948	-.00218	-.00012	.00358	.05928	.00497	.05431
5.950	31.000	.00263	4.61599	.81753	.01937	-.00154	-.00017	.00398	.05930	.00497	.05433
5.950	33.000	.00330	4.61599	.90009	.01895	-.00182	-.00026	.00434	.05889	.00497	.05392
5.950	35.000	.00336	4.61599	.98417	.01757	-.00191	-.00033	.00485	.05801	.00497	.05304
5.950	37.000	.00414	4.61599	1.06930	.01567	-.00061	-.00053	.00536	.05676	.00497	.05179
5.950	39.003	.00512	4.61599	1.15411	.01322	-.00063	-.00069	.00578	.05541	.00497	.05044
5.950	41.000	.00545	4.61599	1.23732	.01063	-.00031	-.00080	.00623	.05351	.00497	.04854
5.950	43.000	.00623	4.61599	1.32078	.00755	.00026	-.00102	.00684	.05169	.00497	.04672
5.950	45.000	.00684	4.61599	1.40246	.00425	.00051	-.00118	.00740	.04910	.00497	.04413
5.950	46.251	.00781	4.61599	1.45379	.00210	.00023	-.00134	.00772	.04746	.00497	.04249
GRADIENT		.00937	.00000	.03326	.00122	.00013	-.00009	.00010	-.00012	.00000	-.00012

RUN NO. 1450/ 0 RN/L = 1.88 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	19.724	.00021	1.88187	.25304	.00760	-.00018	-.00002	.00132	.05663	.00105	.05557
10.090	17.000	-.00074	1.88187	.28876	.01036	.00021	.00013	.00138	.05645	.00105	.05540
10.090	19.000	-.00015	1.88187	.34980	.01396	.00002	.00007	.00158	.05673	.00105	.05568
10.090	21.000	.00029	1.88187	.41283	.01777	-.00058	-.00044	.00182	.05746	.00105	.05640
10.090	23.000	.00034	1.88187	.48088	.02169	.00031	-.00012	.00203	.05709	.00105	.05604
10.090	25.000	.00144	1.88187	.55092	.02273	.00002	-.00033	.00234	.05933	.00105	.05828
10.090	27.000	.00078	1.88187	.62700	.02332	.00011	-.00020	.00261	.05872	.00105	.05767
10.090	29.000	-.00198	1.88187	.70388	.02623	.00086	.00037	.00299	.05921	.00105	.05816
10.090	31.000	.00197	1.88187	.78531	.02651	-.00017	-.00046	.00337	.05999	.00105	.05894
10.090	33.000	-.00114	1.88187	.86863	.02657	.00072	.00019	.00384	.05973	.00105	.05869
10.090	35.000	.00135	1.88187	.95210	.02557	.00042	-.00038	.00439	.05972	.00105	.05866
10.090	37.000	.00066	1.88187	1.03776	.02379	.00078	-.00027	.00495	.05899	.00105	.05784
10.090	39.000	.00102	1.88187	1.12317	.02147	.00090	-.00038	.00543	.05822	.00105	.05717
10.090	41.000	.00222	1.88187	1.21117	.01862	.00061	-.00071	.00599	.05721	.00105	.05613
10.090	43.000	.00236	1.88187	1.30078	.01572	.00064	-.00081	.00653	.05627	.00105	.05522
10.090	45.000	.00269	1.88187	1.38874	.01276	.00099	-.00091	.00711	.05425	.00105	.05319
10.090	46.732	.00188	1.88187	1.47919	.01242	.00164	-.00076	.00728	.05379	.00105	.05274
GRADIENT		.00019	.00000	.03212	.00165	.00001	-.00004	.00011	-.00023	.00000	.00023

AEDC VA474 (CA77/78) (B28C9F 1.7) (M115E28) (V0R5)

(IRIN078) (10 JAN 74)

REFERENCE DATA

SREF = 97.1960 IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -20.000
 AILRON = 5.000 BDFLAP = -11.700
 SFCBRK = 55.000 RUDDER = .500

RUN NO. 420. 0 RN/L = 2.60 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.936	.00121	4.68287	.28185	.00630	-.00297	.00022	.00101	.06044	.00499	.05353
9.950	17.000	.00077	4.68287	.31063	.00689	-.00266	.00023	.00103	.06005	.00482	.05315
9.950	18.000	.00171	4.68287	.37374	.00930	-.00267	.00012	.00111	.05961	.00490	.05471
9.950	21.000	.00336	4.68287	.43932	.01214	-.00258	-.00010	.00123	.05977	.00490	.05487
9.950	23.000	.00343	4.68287	.50931	.01506	-.00213	-.00017	.00138	.05994	.00490	.05504
9.950	25.000	.00392	4.68287	.58117	.01742	-.00197	-.00026	.00158	.05991	.00490	.05500
9.950	27.000	.00442	4.68287	.65686	.01931	-.00250	-.00027	.00176	.05973	.00489	.05483
9.950	29.000	.00506	4.68287	.73473	.02043	-.00204	-.00016	.00196	.05955	.00490	.05464
9.950	31.000	.00565	4.68287	.81420	.02075	-.00182	-.00027	.00218	.05955	.00490	.05464
9.950	33.000	.00576	4.68287	.89666	.02056	-.00186	-.00029	.00233	.05950	.00490	.05409
9.950	35.000	.00431	4.68287	.98011	.01957	-.00156	-.00042	.00257	.05819	.00490	.05329
9.950	37.000	.00535	4.68287	1.06470	.01813	-.00148	-.00059	.00265	.05715	.00490	.05224
9.950	39.000	.00533	4.68287	1.14438	.01609	-.00122	-.00064	.00308	.05527	.00490	.05037
9.950	41.000	.00513	4.68287	1.23172	.01385	-.00085	-.00068	.00332	.05345	.00490	.04855
9.950	43.000	.00579	4.68287	1.31513	.01106	-.00036	-.00087	.00370	.05106	.00490	.04615
9.950	45.000	.00648	4.68287	1.39668	.00807	-.00017	-.00104	.00404	.04842	.00490	.04351
9.950	45.061	.00650	4.68287	1.44209	.00669	-.00026	-.00105	.00419	.04688	.00490	.04197
GRADIENT		.00036	.00000	.00314	.00128	.00010	-.00006	.00006	-.00004	.00000	-.00004

RUN NO. 1700/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.778	.00038	1.88931	.25794	.00915	-.00095	.00004	.00071	.05377	.00108	.05466
10.090	17.000	-.00112	1.88931	.29082	.01138	-.00044	.00030	.00074	.05358	.00108	.05448
10.090	19.000	.00075	1.88931	.35187	.01553	-.00128	-.00001	.00081	.05381	.00108	.05470
10.090	21.000	.00033	1.88931	.41439	.01886	-.00108	-.00005	.00397	.05384	.00108	.05473
10.090	23.000	.00169	1.88931	.48335	.02222	-.00116	-.00024	.00111	.05612	.00108	.05501
10.090	25.000	.00101	1.88931	.55449	.02497	-.00095	-.00012	.00123	.05650	.00108	.05539
10.090	27.000	.00035	1.88931	.62780	.02666	-.00129	.00008	.00135	.05665	.00108	.05554
10.090	29.000	.00051	1.88931	.70594	.02822	-.00145	.00006	.00154	.05677	.00108	.05566
10.090	31.000	-.00070	1.88931	.78898	.02865	-.00133	.00033	.00178	.05715	.00108	.05604
10.090	33.000	-.00035	1.88931	.87349	.02845	-.00193	.00032	.00204	.05627	.00108	.05517
10.090	35.000	.00015	1.88931	.95662	.02763	-.00152	.00015	.00229	.05609	.00108	.05498
10.090	37.000	.00008	1.88931	1.04193	.02597	-.00151	.00016	.00260	.05491	.00108	.05381
10.090	39.000	-.00033	1.88931	1.12844	.02369	-.00142	.00026	.00295	.05375	.00108	.05264
10.090	41.000	.00028	1.88931	1.21551	.02147	-.00116	.00007	.00324	.05240	.00108	.05129
10.090	43.000	.00006	1.88931	1.30635	.01899	-.00073	.00007	.00357	.05018	.00108	.04907
10.090	45.000	.00110	1.88931	1.39237	.01589	-.00100	-.00020	.00382	.04877	.00108	.04766
10.090	45.061	.00036	1.88931	1.44088	.01517	-.00069	-.00002	.00391	.04846	.00108	.04735
GRADIENT		.00018	-.00000	.00217	.00174	-.00003	-.00004	.00006	.00000	.00000	.00000

AEDC VA474 (0A77778) (826C9F7M7) (M16E26) (U8R3)

(RTN079) (10 JAN 74)

REFERENCE DATA

REF = 07.1360 50-IN. XMRP = 12.6230 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVR = -30.000
 AIRLON = 10.000 BDFLAP = -11.700
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 900/ 0 RN/L = 4.82 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	15.871	-.00823	4.82103	-.27308	-.01016	-.00230	.00131	.00224	-.06377	.00498	.05879
9.950	17.000	-.00825	4.82103	.30519	-.01080	-.00289	.00109	.00217	-.06318	.00498	.05821
9.950	18.000	-.00833	4.82103	.36809	-.01311	-.00231	.00069	.00212	-.06230	.00498	.05722
9.950	21.000	-.00899	4.82103	.43352	-.01820	-.00188	.00035	.00208	-.06224	.00498	.05726
9.950	23.000	-.00907	4.82103	.50231	-.01930	-.00165	.00021	.00210	-.06241	.00498	.05743
9.950	25.000	-.00900	4.82103	.57426	-.02200	-.00146	.00006	.00219	-.06221	.00498	.05723
9.950	27.000	-.00939	4.82103	.64884	-.02423	-.00176	.00016	.00229	-.06203	.00498	.05705
9.950	29.000	-.00943	4.82103	.72589	-.02572	-.00212	.00020	.00242	-.06192	.00498	.05695
9.950	31.000	-.00950	4.82103	.80509	-.02674	-.00195	.00017	.00260	-.06199	.00498	.05701
9.950	33.000	-.00969	4.82103	.88585	-.02713	-.00206	.00016	.00272	-.06169	.00498	.05672
9.950	35.000	-.00112	4.82103	.96856	-.02691	-.00180	.00006	.00298	-.06090	.00498	.05593
9.950	37.000	-.00158	4.82103	1.05171	-.02619	-.00155	-.00004	.00326	-.05977	.00498	.05480
9.950	39.000	-.00140	4.82103	1.13481	-.02496	-.00130	-.00005	.00345	-.05827	.00458	.05330
9.950	41.000	-.00125	4.82103	1.21665	-.02346	-.00098	-.00007	.00369	-.05641	.00498	.05144
9.950	43.000	-.00103	4.82103	1.29841	-.02165	-.00068	-.00015	.00413	-.05459	.00498	.04967
9.950	45.000	-.00107	4.82103	1.37805	-.01971	-.00016	-.00020	.00455	-.05224	.00498	.04727
9.950	46.183	-.00131	4.82103	1.42637	-.01827	.00003	-.00002	.00474	-.05148	.00498	.04651
GRADIENT		.00100	.00000	.03301	.00135	.00014	-.00014	-.00001	-.00015	.00000	-.00015

RUN NO. 830/ 0 RN/L = 3.52 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.750	-.00430	3.52127	-.24662	-.01032	-.00209	.00084	.00156	.05807	.00246	.05558
8.000	17.000	-.00177	3.52127	.28103	-.01181	-.00310	.00062	.00145	.05772	.00246	.05523
8.000	18.000	-.00056	3.52127	.34205	-.01498	-.00265	.00040	.00134	.05777	.00246	.05528
8.000	21.000	.00022	3.52127	.40641	-.01845	-.00220	.00024	.00136	.05789	.00244	.05541
8.000	23.000	.00039	3.52127	.47395	-.02137	-.00198	.00010	.00147	.05842	.00244	.05593
8.000	25.000	.00134	3.52127	.54331	-.02419	-.00174	.00002	.00171	.05885	.00246	.05636
8.000	27.000	.00107	3.52127	.61986	-.02644	-.00198	.00009	.00157	.05940	.00246	.05691
8.000	29.000	.00081	3.52127	.69713	-.02823	-.00239	.00020	.00166	.05990	.00246	.05741
8.000	31.000	.00040	3.52127	.77696	-.02934	-.00247	.00018	.00175	.06040	.00246	.05791
8.000	33.000	.00029	3.52127	.85862	-.03027	-.00208	.00021	.00195	.06051	.00246	.05802
8.000	35.000	-.00002	3.52127	.94594	-.03042	-.00197	.00023	.00220	.06013	.00246	.05765
8.000	37.000	-.00003	3.52127	1.02394	-.02982	-.00156	.00021	.00248	.05939	.00246	.05690
8.000	39.000	-.00079	3.52127	1.10752	-.02847	-.00168	.00007	.00283	.05854	.00246	.05605
8.000	41.000	-.00084	3.52127	1.19034	-.02689	-.00126	.00001	.00315	.05729	.00246	.05460
8.000	43.000	-.00001	3.52127	1.27239	-.02484	-.00044	.00006	.00355	.05579	.00246	.05330
8.000	45.000	-.00084	3.52127	1.35307	-.02292	-.00056	-.00005	.00399	.05398	.00246	.05149
8.000	46.459	-.00031	3.52127	1.41399	-.02168	-.00021	-.00007	.00435	.05258	.00246	.05009
GRADIENT		.00055	.00000	.03231	.00153	.00009	-.00009	-.00000	.00010	-.00000	.00010

AEDC VA474 (0477/76) (828C4/FM7) (W116E26) (V083)

(RTM079) (10 JAN 74)

REFERENCE DATA

SZF = 07.1-60 50.1M. THRP = 12.6250 INCHES
 LREF = 7.1220 INCHES THRP = .0000 INCHES
 BREF = 14.0980 INCHES ZMR = -.375' INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = -30.000
 AILROM = 10.000 BDFLAP = -11.700
 SPDRBK = 55.000 RUDDER = .000

RUN NO. 1360/ 0 RM/L = 1.86 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.753	-.00137	1.86186	.24933	.01025	-.00073	.00043	.00147	.03793	.00101	.05691
10.090	17.000	-.00134	1.86186	.26370	.01267	-.00034	.00033	.00141	.03764	.00101	.05667
10.090	19.050	-.00038	1.86186	.34364	.01711	-.00030	.00015	.00146	.03830	.00102	.05128
10.090	21.000	-.00037	1.86186	.40643	.02063	-.00004	.00013	.00132	.03835	.00102	.05732
10.090	23.000	-.00004	1.86186	.47403	.02387	.00019	.00000	.00139	.03901	.00102	.05798
10.090	25.000	-.00002	1.86186	.54512	.02727	-.00031	.00003	.00171	.03952	.00102	.05830
10.090	27.000	-.00138	1.86186	.61846	.02986	.00002	.00032	.00180	.03906	.00102	.05904
10.090	29.000	-.00145	1.86186	.69396	.03134	.00022	.00032	.00197	.03976	.00102	.05974
10.090	31.000	-.00032	1.86186	.77537	.03322	-.00030	.00011	.00217	.03932	.00102	.06029
10.090	33.000	-.00032	1.86186	.85674	.03371	-.00019	.00010	.00246	.03954	.00102	.06052
10.090	35.000	-.00051	1.86186	.93873	.03394	-.00015	.00015	.00269	.03931	.00102	.06028
10.090	37.000	-.00020	1.86186	1.02182	.03341	-.00061	.00002	.00294	.03974	.00102	.05971
10.090	39.000	.00011	1.86186	1.10611	.03236	-.00043	.00002	.00321	.03905	.00102	.05903
10.090	41.000	.00050	1.86186	1.19205	.03096	-.00037	-.00007	.00357	.03900	.00102	.05797
10.090	43.000	.00060	1.86186	1.27925	.02942	-.00051	-.00011	.00401	.03791	.00102	.05689
10.090	45.000	.00064	1.86186	1.36517	.02744	.00059	-.00020	.00439	.03631	.00102	.05529
10.090	45.321	.00079	1.86186	1.37851	.02662	.00023	-.00026	.00447	.03632	.00102	.05529
GRADIENT		.00017	.00000	.03194	.00184	.00006	-.00004	.00003	.00019	.00000	.00019

DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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(RTM000) (10 JAN 74)

AEDC VA474 (0477/78) (82-0977M7) (W121E26) (V085)

REFERENCE DATA

REF = 87.1500 80-IN. ZMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES /MRP = .0000 INCHES
 BREF = 14.0920 INCHES ZMRP = -.3750 INCHES
 SCALE = .0130

BETA = .000 ELEVTR = -40.000
 ALLROM = .000 BDFLAP = -11.700
 SPDGRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 950/ 0 RM/L = 4.65 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RM/L	CH	CLM	CY	CYM	CBL	CA	CAB	CAF
9.950	15.816	.00453	4.65265	.26160	.01539	-.00187	-.00032	-.00011	.06731	.00495	.08234
9.950	17.000	.00460	4.65265	.29508	.01565	-.00195	-.00032	-.00011	.06590	.00495	.08093
9.950	19.000	.00555	4.65265	.35876	.01813	-.00201	-.00043	-.00009	.06458	.00495	.07961
9.950	21.000	.00669	4.65265	.42456	.02103	-.00212	-.00057	-.00004	.06398	.00495	.07901
9.950	23.000	.00679	4.65265	.49371	.02424	-.00184	-.00063	-.00002	.06376	.00495	.07879
9.950	25.000	.00723	4.65265	.56587	.02701	-.00181	-.00070	.00003	.06334	.00495	.07837
9.950	27.000	.00707	4.65265	.64031	.02932	-.00245	-.00062	.00001	.06322	.00495	.07826
9.950	29.000	.00723	4.65265	.71762	.03110	-.00236	-.00067	.00004	.06300	.00495	.07804
9.950	31.000	.00702	4.65265	.79650	.03270	-.00171	-.00074	.00015	.06297	.06495	.07800
9.950	33.000	.00713	4.65265	.87748	.03345	-.00195	-.00081	.00018	.06284	.06495	.07787
9.950	35.000	.00726	4.65265	.95953	.03370	-.00186	-.00080	.00018	.06232	.06495	.07755
9.950	37.000	.00694	4.65265	1.04169	.03352	-.00150	-.00081	.00025	.06129	.06495	.07632
9.950	39.000	.00663	4.65265	1.12449	.03285	-.00164	-.00079	.00020	.05996	.06495	.07500
9.950	41.000	.00672	4.65265	1.20567	.03190	-.00193	-.00073	.00016	.05848	.06495	.07351
9.950	43.000	.00724	4.65265	1.28689	.03066	-.00163	-.00069	.00017	.05697	.06495	.07200
9.950	45.000	.00737	4.65265	1.36838	.02969	-.00105	-.00111	.00025	.05512	.06495	.07015
9.950	46.126	.00812	4.65265	1.41273	.02944	-.00092	-.00124	.00026	.05409	.06495	.06812
GRADIENT		.00032	.00000	.03318	.00132	.00001	-.00005	.00002	-.00040	.00000	-.00040

AEDC VA474(OA77/70) (026C9FTN7) (N121E26) (V085)

(RTN081) (10 JAN 74)

REFERENCE DATA

SREF = 47.1800 30-IN. ZMRP = 12.8250 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AIRLON = .000 BDFLAP = -11.700
 SPDBRK = 55.000 RUDDER = .000

RUN NO. 510/ 0 RN/L = 4.65 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
3.950	15.700	.00520	4.64840	.29513	-.00824	-.00192	-.00045	.00003	.00003	.00485	.03510
3.950	17.000	.00503	4.64840	.33092	-.00861	-.00192	-.00045	.00004	.00004	.00485	.03470
3.950	19.000	.00675	4.64840	.39667	-.00836	-.00191	-.00064	.00010	.00009	.00485	.03424
3.950	21.000	.00766	4.64840	.46610	-.00803	-.00193	-.00079	.00014	.00021	.00485	.03436
3.950	23.000	.00872	4.64840	.53935	-.00808	-.00172	-.00089	.00018	.00047	.00485	.03462
3.950	25.000	.00931	4.64840	.61614	-.00809	-.00169	-.00098	.00028	.00029	.00485	.03444
3.950	27.000	.00958	4.64840	.69546	-.00844	-.00185	-.00089	.00032	.00008	.00485	.03423
3.950	29.000	.00996	4.64840	.77673	-.00829	-.00227	-.00091	.00034	.00091	.00485	.03406
3.950	31.000	.00957	4.64840	.86402	-.00846	-.00182	-.00107	.00046	.00067	.00485	.03382
3.950	33.000	.00953	4.64840	.95179	-.00872	-.00263	-.00113	.00044	.00066	.00485	.03381
3.950	35.000	.00922	4.64840	1.04066	-.00864	-.00199	-.00107	.00047	.00010	.00485	.03325
3.950	37.000	.00896	4.64840	1.13101	-.00861	-.00156	-.00111	.00057	.00078	.00485	.03225
3.950	39.000	.00903	4.64840	1.22059	-.00837	-.00143	-.00117	.00059	.00086	.00485	.03101
3.950	41.000	.00921	4.64840	1.30939	-.00477	-.00169	-.00118	.00055	.00464	.00485	.02979
3.950	43.000	.00936	4.64840	1.39545	-.00193	-.00162	-.00122	.00053	.00282	.00485	.02797
3.950	45.000	.00910	4.64840	1.48060	-.00195	-.00189	-.00126	.00062	.00077	.00485	.02592
3.950	46.174	.00865	4.64840	1.53755	-.00432	-.00161	-.00125	.00069	.00031	.00485	.02446
GRADIENT		.00049	.00000	.00348	-.00112	-.00003	-.00006	.00003	-.00005	-.00000	-.00005

AEDC VA474(0477/70) (028097M7) (W121E20) (VARS)

(RTN002) (10 JAN 74)

REFERENCE DATA

REF = 01.1900 IN. XREF = 12.0250 INCHES
 LREF = 7.1220 INCHES YREF = .0000 INCHES
 BREF = 14.0320 INCHES ZREF = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILTRON = .000 BDFLAP = .000
 SPCBRK = 55.000 RUDDER = .000

RUN NO. 920/ 0 RM/L = 4.65 GRADIENT INTERVAL = 14.00/ 25.00

WACH	ALPHA	BETA	RM/L	CN	CLM	CT	CYM	CBL	CA	CAB	CAP
9.950	19.002	.00404	4.64953	.29800	-.01022	-.05142	-.00031	-.00007	.03948	.00494	.05454
9.950	17.000	.00304	4.64953	.33338	-.01072	-.00187	-.00038	-.00006	.03845	.00494	.05391
9.950	19.000	.00348	4.64953	.39973	-.01114	-.00179	.00045	-.00004	.03820	.00494	.05326
9.950	21.000	.00646	4.64953	.46975	-.01147	-.00177	-.00059	.00002	.03826	.00494	.05332
9.950	13.000	.00707	4.64953	.54335	-.01229	-.00178	-.00067	.00011	.03827	.00494	.05333
9.950	25.000	.00786	4.64953	.62167	-.01410	-.00173	-.00079	.00020	.03813	.00494	.05319
9.950	27.000	.00739	4.64953	.70253	-.01686	-.00196	-.00072	.00023	.03796	.00494	.05302
9.950	29.000	.00886	4.64953	.78766	-.02059	-.00221	-.00088	.00033	.03803	.00494	.05309
9.950	31.000	.00593	4.64953	.87456	-.02575	-.00216	-.00108	.00047	.03879	.00414	.05305
9.950	33.000	.01038	4.64953	.96306	-.03121	-.00271	-.00113	.00045	.03866	.00494	.05372
9.950	35.000	.00934	4.64953	1.05330	-.03756	-.00180	-.00110	.00050	.03804	.00494	.05310
9.950	37.000	.00837	4.64953	1.14347	-.04460	-.00164	-.00116	.00053	.03729	.00494	.05233
9.950	39.000	.00891	4.64953	1.23583	-.05210	-.00164	-.00112	.00059	.03630	.00494	.05136
9.950	41.000	.00841	4.64953	1.32945	-.06002	-.00191	-.00106	.00045	.03491	.00494	.04997
9.950	43.000	.00799	4.64953	1.41602	-.06849	-.00156	-.00107	.00050	.03342	.00494	.04848
9.950	45.000	.00835	4.64953	1.50403	-.07707	-.00132	-.00115	.00053	.03143	.00494	.04649
9.950	45.854	.00834	4.64953	1.54397	-.08607	-.00122	-.00124	.00050	.03033	.00494	.04559
	GRADIENT	.00039	-.00000	.03521	-.00037	-.00002	-.00005	.00003	-.00012	.00000	-.00012

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TABULATED SOURCE DATA, AEDC VA474

AEDC VA474 (0477/78) (B26C9F7H7) (W121E26) (V8R5)

(RTN083) (10 JAN 74)

REFERENCE DATA

REF = 87.1500 50.1M. THRP = 12.6250 INCHES
 LREF = 7.1220 JMC (ES THRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AIRLON = .000 BDFLAP = 16.300
 SFCBRK = 55.000 RUDDER = .000

RUN NO. 530/ 0 RN/L = 4.63 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	AN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.708	.00477	4.63103	.31381	-.02707	-.00141	-.00040	-.00010	-.06380	-.00470	.05907
5.950	17.000	.00525	4.63103	.35153	-.02958	-.00156	-.00044	-.00011	.06387	-.00470	.05914
5.950	19.000	.00560	4.63103	.42125	-.03303	-.00143	-.00051	-.00056	-.06396	-.00470	.05924
5.950	21.000	.00696	4.63103	.49419	-.03684	-.00156	-.00068	-.00050	-.06496	-.00470	.06024
5.950	23.000	.00797	4.63103	.57109	-.04110	-.00184	-.00078	-.00057	-.06608	-.00470	.06135
5.950	25.000	.00821	4.63103	.65200	-.04609	-.00164	-.00085	-.00056	-.06696	-.00470	.06223
5.950	27.000	.00834	4.63103	.73568	-.05197	-.00222	-.00081	-.00054	-.06783	-.00470	.06310
5.950	29.000	.00855	4.63103	.82300	-.05904	-.00196	-.00089	-.00055	-.07005	-.00470	.06333
5.950	31.000	.00953	4.63103	.91105	-.06622	-.00169	-.00108	-.00036	-.07118	-.00470	.06645
5.950	33.000	.00884	4.63103	1.00192	-.07418	-.00161	-.00103	-.00034	-.07208	-.00470	.06735
5.950	35.000	.00892	4.63103	1.09408	-.08291	-.00140	-.00109	-.00039	-.07250	-.00470	.06778
5.950	37.000	.00922	4.63103	1.18661	-.09185	-.00146	-.00116	-.00043	-.07276	-.00470	.06803
5.950	39.000	.00897	4.63103	1.27896	-.10098	-.00164	-.00114	-.00040	-.07269	-.00470	.06796
5.950	41.000	.00823	4.63103	1.37007	-.11056	-.00152	-.00108	-.00035	-.07235	-.00470	.06762
5.950	43.000	.00846	4.63103	1.46150	-.12033	-.00131	-.00118	-.00045	-.07192	-.00470	.06720
5.950	45.000	.00820	4.63103	1.55577	-.13026	-.00103	-.00138	-.00065	-.07104	-.00470	.06631
5.950	46.029	.00962	4.63103	1.59554	-.13558	-.00104	-.00148	-.00072	-.07083	-.00470	.06611
GRADIENT		.00841	.00000	.03674	-.00202	-.00003	-.00005	-.00003	.00036	.00000	.00036

DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/70) (026097M7) (W121E20) (V0R3)

(RTM084) (10 JAN 74)

REFERENCE DATA

BREF = 87.1500 50-IN. XMRP = 12.0250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = 15.000
AILROM = .000 80FLAP = 10.300
SPDRK = 95.000 RUDDER = .000

RUN NO. 940/ 0 RN/L = 4.61 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	15.746	.00362	4.60644	.36045	-.06760	-.00156	-.00025	-.00019	.07748	.00477	.07272
5.950	17.000	.00416	4.60644	.40384	-.07357	-.00173	-.00030	-.00016	.07695	.00477	.07419
5.950	19.000	.00536	4.60644	.48038	-.08251	-.00201	-.00041	-.00009	.08150	.00477	.07674
5.950	21.000	.00660	4.60644	.56044	-.09162	-.00211	-.00059	-.00002	.08479	.00477	.08003
5.950	23.000	.00747	4.60644	.64443	-.10109	-.00221	-.00068	.00007	.08830	.00477	.08353
5.950	25.000	.00803	4.60644	.73198	-.11123	-.00207	-.00078	.00018	.09176	.00476	.08700
5.950	27.000	.00794	4.60644	.82173	-.12185	-.00230	-.00076	.00023	.09504	.00477	.09028
5.950	29.000	.00789	4.60644	.91407	-.13277	-.00231	-.00077	.00016	.09933	.00478	.09457
5.950	31.000	.00932	4.60644	1.00798	-.14453	-.00234	-.00098	.00024	.10315	.00477	.09839
5.950	33.000	.00891	4.60644	1.10360	-.15679	-.00224	-.00096	.00022	.10687	.00477	.10211
5.950	35.000	.00758	4.60644	1.20083	-.16960	-.00209	-.00082	.00021	.11007	.00478	.10531
5.950	37.000	.00651	4.60644	1.29753	-.18228	-.00294	-.00086	.00023	.11289	.00478	.10813
5.950	39.000	.00862	4.60644	1.39342	-.19489	-.00332	-.00098	.00021	.11532	.00478	.11056
5.950	41.000	.00753	4.60644	1.48916	-.20802	-.00240	-.00087	.00026	.11727	.00476	.11251
5.950	43.000	.00878	4.60644	1.58330	-.22156	-.00235	-.00111	.00043	.11908	.00477	.11432
5.950	45.000	.00831	4.60644	1.67731	-.23565	-.00208	-.00111	.00055	.12027	.00477	.11551
5.950	45.741	.00851	4.60644	1.71700	-.24248	-.00239	-.00113	.00056	.12115	.00477	.11639
GRADIENT		.00050	.00000	.04021	-.00468	-.00000	-.00006	.00004	.00156	.00000	.00156

(RTW083) (10 JAN 74)

AEDC VA474 (0477/78) (B26C9 M7) (W116E26) (VBR5)

REFERENCE DATA

REF = 87.1965 30.1M, YMRP = 12.8250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 ALLRON = .000 SPBRK = .000
 RUCCER = .000

RUN NO. 1020/ 0 RN/L = 3.52 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	13.748	.00151	3.52150	.26735	-.00175	-.00205	.00005	.00006	.05518	.00228	.05284
8.000	17.000	.00070	3.52150	.20208	-.00116	-.00171	.00011	.00002	.05498	.00228	.05285
8.000	19.000	.00190	3.52150	.36494	.00048	-.00207	-.00001	.00003	.05555	.00228	.05322
8.000	21.000	.00281	3.52150	.43234	.00222	-.00197	-.00015	.00008	.05616	.00228	.05383
8.000	23.000	.00304	3.52150	.50343	.00317	-.00212	-.00017	.00007	.05692	.00228	.05459
8.000	25.000	.00290	3.52150	.57825	.00361	-.00193	-.00018	.00009	.05756	.00228	.05523
8.000	27.000	.00434	3.52150	.65692	.00318	-.00274	-.00030	.00006	.05823	.00228	.05589
8.000	29.000	.00199	3.52150	.73853	.00242	-.00187	-.00007	.00003	.05877	.00228	.05644
8.000	31.000	.00327	3.52150	.82259	.00079	-.00251	-.00019	.00005	.05968	.00228	.05735
8.000	33.000	.00365	3.52150	.90819	-.00154	-.00287	-.00022	.00006	.06015	.00228	.05782
8.000	35.000	.00404	3.52150	.99492	-.00462	-.00283	-.00030	.00005	.06019	.00228	.05785
8.000	37.000	.00469	3.52150	1.08284	-.00810	-.00297	-.00040	.00002	.05994	.00228	.05760
8.000	39.000	.00473	3.52150	1.17064	-.01291	-.00282	-.00047	.00007	.05981	.00228	.05748
8.000	41.000	.00578	3.52150	1.25692	-.01627	-.00264	-.00067	.00013	.05936	.00228	.05702
8.000	43.000	.00606	3.52150	1.34274	-.02068	-.00275	-.00074	.00016	.05871	.00228	.05637
8.000	45.000	.00565	3.52150	1.42701	-.02545	-.00291	-.00068	.00018	.05791	.00228	.05558
8.000	45.870	.00536	3.52150	1.46742	-.02762	-.00273	-.00067	.00018	.05747	.00228	.05514
GRADIENT		.00023	.00000	.03367	.00063	-.00001	-.00003	.00001	.00028	.00000	.00028

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0A77/76) (B26C9 M7 (V8R5) (RTN0866) (10 JAN 74)

REFERENCE DATA

SREF = 87.1560 IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 SPDBRK = 55.000
 RUDDER = .000

RUN NO. 1030/ 0 RN/L = 3.50 GRADIENT INTERVAL = 14.00/ 25.0

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.736	-.00022	3.49959	.10226	.04459	-.00041	.00009	-.00004	.03047	.00178	.02882
8.000	17.000	-.00106	3.49959	.11765	.05085	-.00112	.00000	-.00005	.02986	.00178	.02802
8.000	19.000	-.00157	3.49959	.14584	.06183	-.00120	-.00006	-.00003	.02912	.00178	.02727
8.000	21.000	-.00244	3.49959	.17610	.07355	-.00145	-.00016	.00000	.02888	.00178	.02704
8.000	23.000	-.00303	3.49959	.20794	.08583	-.00149	-.00024	.00003	.02882	.00178	.02697
8.000	25.000	-.00312	3.49959	.24078	.09842	-.00171	-.00023	.00001	.02921	.00178	.02736
8.000	27.000	-.00225	3.49959	.27520	.11135	-.00201	-.00000	-.00011	.02962	.00178	.02777
8.000	29.000	-.00268	3.49959	.31070	.12484	-.00216	-.00013	-.00010	.03070	.00178	.02855
8.000	31.000	-.00319	3.49959	.34694	.13771	-.00187	-.00025	.00000	.03124	.00178	.02940
8.000	33.000	-.00368	3.49959	.38405	.15052	-.00239	-.00030	-.00001	.03193	.00178	.03008
8.000	35.000	-.00333	3.49959	.42193	.16333	-.00250	-.00021	-.00005	.03237	.00178	.03052
8.000	37.000	-.00228	3.49959	.45974	.17578	-.00232	-.00008	-.00008	.03312	.00178	.03127
8.000	39.000	-.00325	3.49959	.49748	.18808	-.00277	-.00020	-.00004	.03364	.00178	.03179
8.000	41.000	-.00322	3.49959	.53467	.19990	-.00269	-.00021	-.00002	.03412	.00178	.03227
8.000	43.000	-.00287	3.49959	.57150	.21136	-.00278	-.00016	-.00005	.03434	.00178	.03250
8.000	45.000	-.00343	3.49959	.60802	.22222	-.00321	-.00023	-.00005	.03441	.00178	.03256
8.000	45.845	-.00420	3.49959	.62545	.22732	-.00360	-.00033	-.00005	.03448	.00178	.03263
8.000	GRADIENT	.00035	.00000	.01502	.00583	-.00011	-.00004	.00001	-.00014	.00000	-.00014

REFERENCE DATA

BREF = 07.1500 IN. XMRP = 12.0250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 80FLAP = -11.700
SPDBRK = 55.000 RUDDER = -10.000

AEDC VA474 (0477/78) (826C97M7) (W10E26) (V855)

(RTM087) (10 JAN 74)

RUN NO. 1180/ 0 RN/L = 3.91 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-2.745	-.03134	3.51432	-.09600	-.02468	-.00968	.00380	-.00296	.08726	.00212	.08509
0.000	-2.000	-.02704	3.51432	-.08468	-.02499	-.00986	.00323	-.00270	.08426	.00212	.08209
0.000	.000	-.02125	3.51432	-.05432	-.02398	-.00835	.00422	-.00220	.07761	.00212	.07544
0.000	2.000	-.01970	3.51432	-.02447	-.02045	-.00827	.00394	-.00200	.07354	.00212	.07138
0.000	4.000	-.01854	3.51432	.00711	-.01672	-.00711	.00358	-.00184	.06953	.00212	.06736
0.000	6.000	-.01829	3.51432	.04212	-.01317	-.00713	.00349	-.00178	.06595	.00212	.06378
0.000	8.000	-.01662	3.51432	.08062	-.01002	-.00647	.00312	-.00162	.06280	.00212	.06063
0.000	10.000	-.01311	3.51432	.12334	-.00758	-.00592	.00253	-.00134	.06059	.00212	.05843
0.000	12.000	-.01013	3.51432	.17162	-.00630	-.00439	.00189	-.00096	.05863	.00212	.05647
0.000	14.000	-.00720	3.51432	.22559	-.00537	-.00361	.00134	-.00068	.05721	.00212	.05505
0.000	16.000	-.00633	3.51432	.28402	-.00460	-.00361	.00116	-.00057	.05665	.00212	.05448
0.000	18.000	-.00507	3.51432	.34562	-.00346	-.00335	.00089	-.00046	.05648	.00212	.05431
0.000	20.000	-.00382	3.51432	.41079	-.00273	-.00313	.00062	-.00030	.05649	.00212	.05432
0.000	22.000	-.00384	3.51432	.47959	-.00242	-.00226	.00045	-.00014	.05655	.00212	.05438
0.000	24.000	-.00273	3.51432	.55150	-.00284	-.00267	.00027	-.00005	.05697	.00212	.05480
0.000	26.000	-.00381	3.51432	.62804	-.00403	-.00205	.00027	-.00002	.05706	.00212	.05489
0.000	27.046	-.00154	3.51432	.67309	-.00433	-.00361	.00009	-.00004	.05741	.00212	.05525
0.000	GRADIENT	.00180	.00000	.01324	.00123	.00039	-.00032	.00016	-.00260	.00000	-.00260

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC YA474

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AEDC YA474 (0A77/70) (326C9FM7) (W1162E6) (V085)

(RTN080) (10 JAN 74)

REFERENCE DATA

BREF = 07.1500 50-IN. XMRP = 12.6250 INCHES
 LREF = 7.1520 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILRON = .000 BDFLAP = -11.700
 SPDRK = 55.000 RUDDER = #00000000

RUN NO. 1190/ 0 RN/L = 3.50 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-2.620	-0.5378	3.49681	-0.9706	-0.01939	-0.01742	-0.0917	-0.0504	.09040	.00208	.00828
0.000	-2.000	-0.5076	3.49681	-0.8786	-0.01974	-0.01633	.00864	-0.00467	.08794	.00208	.08581
0.000	.000	-0.4150	3.49681	-0.5708	-0.01915	-0.01411	.00715	-0.00385	.08100	.00208	.07887
0.000	2.000	-0.4057	3.49681	-0.2723	-0.01566	-0.01270	.00686	-0.00349	.07714	.00208	.07500
0.000	4.000	-0.3747	3.49681	.00418	-0.01152	-0.01221	.00640	-0.00325	.07348	.00208	.07135
0.000	6.000	-0.3604	3.49681	.03936	-0.00793	-0.01191	.00619	-0.00311	.06989	.00208	.06776
0.000	8.000	-0.3162	3.49681	.07803	-0.00542	-0.01081	.00549	-0.00282	.06822	.00208	.06408
0.000	10.000	-0.2504	3.49681	.12104	-0.00370	-0.00938	.00446	-0.00231	.06338	.00208	.06124
0.000	12.000	-0.1814	3.49681	.17010	-0.00349	-0.00710	.00328	-0.00169	.06052	.00208	.05839
0.000	14.000	-0.1244	3.49681	.22426	-0.00387	-0.00563	.00236	-0.00120	.05846	.00208	.05633
0.000	16.000	-0.0919	3.49681	.28299	-0.00324	-0.00304	.00186	-0.00089	.05762	.00208	.05548
0.000	18.000	-0.0619	3.49681	.34498	-0.00218	-0.00469	.00142	-0.00069	.05745	.00208	.05532
0.000	20.000	-0.0436	3.49681	.41065	-0.00195	-0.00408	.00110	-0.00049	.05712	.00208	.05499
0.000	22.000	-0.0296	3.49681	.47935	-0.00190	-0.00343	.00083	-0.00030	.05714	.00208	.05500
0.000	24.000	-0.0179	3.49681	.55142	-0.00252	-0.00334	.00065	-0.00016	.05758	.00208	.05545
0.000	26.000	-0.0170	3.49681	.62721	-0.00391	-0.00315	.00062	-0.00010	.05768	.00208	.05554
0.000	27.263	-0.0159	3.49681	.68229	-0.00437	-0.00345	.00064	-0.00011	.05813	.00208	.05600
0.000	GRADIENT	.00240	-0.00000	.01527	.00120	.00079	-.00041	.00027	-.00255	.00000	-.00255

AEDC VA474 (0A77/76) (826-9F7M7) (W11626) (V083)

(RTN089) (10 JAN 74)

REFERENCE DATA

SREF = 07.1560 88-IN. XMRP = 12.6250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 BCFAP = -.11700
SFCBRK = .000 RUDDER = .000

RUN NO. 1200/ 0 RN/L = 3.48 GRADIENT INTERVAL = -.5.00/ 5.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYM	CBL	CA	CAB	CAF
0.000	-2.717	-.00178	3.48370	-.09032	-.03446	-.00184	.00046	-.00002	.08025	.00223	.07798
0.000	-2.000	-.00104	3.48370	-.08068	-.03367	-.00214	.00040	-.00002	.07844	.00223	.07617
0.000	.000	-.00123	3.48370	-.05079	-.03061	-.00195	.00040	-.00008	.07270	.00223	.07043
0.000	2.000	-.00131	3.48370	-.02107	-.02632	-.00178	.00042	-.00009	.06904	.00223	.06677
0.000	4.000	.00016	3.48370	.01065	-.02277	-.00135	.00014	-.00005	.06517	.00223	.06290
0.000	6.000	.00026	3.48370	.04544	-.01899	-.00160	.00016	-.00003	.06179	.00223	.05932
0.000	8.000	.00029	3.48370	.08375	-.01559	-.00140	.00013	.00000	.05904	.00223	.05677
0.000	10.000	.00073	3.48370	.12377	-.01239	-.00148	.00008	.00006	.05755	.00223	.05527
0.000	12.000	.00147	3.48370	.17388	-.00984	-.00139	-.00003	.00012	.05631	.00223	.05404
0.000	14.000	.00122	3.48370	.22696	-.00838	-.00109	-.00003	.00017	.05533	.00223	.05326
0.000	16.000	.00133	3.48370	.28321	-.00706	-.00125	-.00003	.00022	.05526	.00223	.05299
0.000	18.000	.00196	3.48370	.34683	-.00537	-.00157	-.00008	.00029	.05541	.00223	.05314
0.000	20.000	.00280	3.48370	.41198	-.00407	-.00192	-.00015	.00022	.05568	.00223	.05340
0.000	22.000	.00278	3.48370	.48045	-.00325	-.00216	-.00013	.00022	.05608	.00223	.05381
0.000	24.000	.00314	3.48370	.55268	-.00362	-.00207	-.00019	.00028	.05647	.00223	.05420
0.000	26.000	.00312	3.48370	.62860	-.00502	-.00191	-.00022	.00031	.05685	.00223	.05458
0.000	28.000	.00192	3.48370	.66810	-.00553	-.00124	-.00013	.00032	.05706	.00223	.05479
GRADIENT		.00019	-.00000	.01503	.00177	.00009	-.00004	-.00001	-.00225	-.00000	-.00225

AEDC VA474(OA77/78) (B26C87M7) (M118E26) (VARS)

(RTN080) (10 JAN 74)

REFERENCE DATA

REF = 97.1560 36.1IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = .000
 AILRON = .000 BOFLAP = -11.700
 SPCBRK = 25.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 1210/ 0 RM/L = 3.47 GRADIENT INTERVAL = -5.00/ 5.00

MACM	ALPHA	BETA	RM/L	CN	CLM	CV	CYN	CBL	CA	CAB	CAF
0.000	-2.406	-0.0297	3.47482	-0.09005	-0.03317	-0.00172	.00060	-0.00008	.00095	.00281	.07870
0.000	-2.000	-0.0256	3.47482	-0.08200	-0.03276	-0.00173	.00055	-0.00008	.07900	.00220	.07675
0.000	.000	-0.0263	3.47482	-0.05227	-0.03004	-0.00161	.00034	-0.00015	.07337	.00221	.07132
0.000	2.000	-0.0337	3.47482	-0.02232	-0.02602	-0.00118	.00059	-0.00016	.06962	.00220	.06737
0.000	4.000	-0.0116	3.47482	.00914	-0.02224	-0.00074	.00024	-0.00011	.06572	.00221	.06347
0.000	6.000	-0.0129	3.47482	.04408	-0.01829	-0.00091	.00028	-0.00012	.06226	.00220	.06001
0.000	8.000	-0.0032	3.47482	.08172	-0.01513	-0.00122	.00019	-0.00010	.05944	.00220	.05719
0.000	10.000	.00051	3.47482	.12377	-0.01187	-0.00139	.00010	-0.00005	.05785	.00220	.05560
0.000	12.000	.00133	3.47482	.17111	-0.00985	-0.00122	-0.00003	.00001	.05669	.00220	.05444
0.000	14.000	.00119	3.47482	.22476	-0.00801	-0.00098	-0.00004	.00005	.05583	.00220	.05358
0.000	16.000	.00113	3.47482	.28291	-0.00666	-0.00103	-0.00003	.00007	.05540	.00220	.05315
0.000	18.000	.00277	3.47482	.34449	-0.00513	-0.00185	-0.00015	.00006	.05550	.00220	.05325
0.000	20.000	.00235	3.47482	.40937	-0.00390	-0.00165	-0.00015	.00007	.05592	.00220	.05367
0.000	22.000	.00232	3.47482	.47745	-0.00322	-0.00173	-0.00014	.00009	.05637	.00220	.05412
0.000	24.000	.00212	3.47482	.54949	-0.00337	-0.00129	-0.00015	.00011	.05667	.00220	.05442
0.000	26.000	.00287	3.47482	.62371	-0.00467	-0.00143	-0.00024	.00015	.05701	.00220	.05476
0.000	27.308	.00243	3.47482	.68131	-0.00548	-0.00127	-0.00020	.00016	.05726	.00220	.05501
GRADIENT		.00017	-0.00000	.01503	.00168	.00015	-0.00004	-0.00001	-0.00229	.00000	-0.00229

AEDC VA474 (0477/76) (B26C97M7) (M18E28) (V8R3)

(RTM091) (10 JAN 74)

REFERENCE DATA

BREF = 87.1960 80-IN. YMRP = 12.6250 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTA = .000
 AILROM = .000 BOFLAP = -11.700
 SPDRBK = 85.000 RUDDER = .000

RUN NO. 1220/ 0 RW/L = 3.48 GRADIENT INTERVAL = -5.00/ 5.00

MACH	ALPHA	BETA	RW/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-2.817	-0.0492	3.48392	-1.10036	-0.01286	-0.00224	-0.00092	-0.00023	.09390	.00186	.09400
0.000	-2.000	-0.0431	3.48392	-0.99092	-0.01410	-0.00223	.00084	-0.00021	.09289	.00186	.09099
0.000	.000	-0.0463	3.48392	-0.93933	-0.01516	-0.00150	.00079	-0.00022	.08468	.00186	.08278
0.000	2.000	-0.0369	3.4 192	-0.92961	-0.01208	-0.00164	.00071	-0.00023	.08037	.00186	.07846
0.000	4.000	-0.0684	3. 392	.00163	-0.00818	-0.00146	.00029	-0.00016	.07652	.00186	.07461
0.000	6.000	-0.0127	3.48392	.03653	-0.00442	-0.00164	.00037	-0.00017	.07275	.00186	.07085
0.000	8.000	-0.0072	3.48392	.07530	-0.00207	-0.00160	.00029	-0.00016	.06877	.00186	.06687
0.000	10.000	-0.0068	3.48392	.11812	-0.00063	-0.00178	.00013	-0.00009	.06553	.00186	.06363
0.000	12.000	-0.0122	3.48392	.16719	-0.00093	-0.00105	-0.00003	-0.00003	.06228	.00186	.06038
0.000	14.000	-0.0217	3.48392	.22133	-0.00191	-0.00144	-0.00012	.00005	.05981	.00186	.05790
0.000	16.000	-0.0172	3.48392	.27981	-0.00160	-0.00158	-0.00004	.00004	.05895	.00186	.05704
0.000	18.000	-0.0150	3.48392	.34158	-0.00093	-0.00136	-0.00004	.00004	.05837	.00186	.05646
0.000	20.000	-0.0312	3.48392	.40710	-0.00057	-0.00201	-0.00019	.00009	.05804	.00186	.05613
0.000	22.000	-0.0104	3.48392	.47560	-0.00096	-0.00079	-0.00035	.00011	.05759	.00186	.05569
0.000	24.000	-0.0203	3.48392	.54744	-0.00157	-0.00148	-0.00011	.00011	.05792	.00186	.05601
0.000	26.000	-0.0266	3.48392	.62322	-0.00279	-0.00133	-0.00022	.00017	.05822	.00186	.05632
0.000	27.174	-0.0231	3.48392	.67400	-0.00357	-0.00162	-0.00014	.00011	.05835	.00186	.05645
GRADIENT		.00051	.00000	.01539	.00073	.00012	-0.00008	.00001	-.00292	-.00000	-.00292

AEDC VA474 (0477/78) (B26C97MT) (M116E26) (VARS)

(RTM092) (10 JAN 74)

REFERENCE DATA

REF = 87.1500 36.1N. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = -40.000
 AILROM = .000 BOFLAP = -11.700
 SPCBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 90/ 0 RN/L = 4.63 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
5.950	16.368	.00167	4.63182	.27934	.01484	-.00167	-.00000	.00015	.06624	.00492	.06130
5.950	18.337	.00271	4.63182	.38009	.01833	-.00182	-.00011	.00021	.06416	.00490	.05926
5.950	22.704	.00341	4.63182	.48667	.02337	-.00195	-.00019	.00024	.06396	.00479	.05913
5.950	25.806	.00369	4.63182	.55884	.02769	-.00221	-.00021	.00032	.06376	.00478	.05898
5.950	29.011	.00400	4.63182	.72232	.03096	-.00234	-.00022	.00038	.06355	.00456	.05904
5.950	31.090	.00483	4.63182	.80430	.03245	-.00242	-.00033	.00044	.06369	.00445	.05932
5.950	33.185	.00434	4.63182	.88849	.03330	-.00265	-.00028	.00040	.06364	.00429	.05946
5.950	36.371	.00315	4.63182	1.02026	.03355	-.00267	-.00042	.00033	.06262	.00396	.05872
5.950	39.477	.00493	4.63182	1.14887	.03272	-.00279	-.00040	.00030	.06078	.00371	.05897
5.950	42.671	.00785	4.63182	1.27931	.03142	-.00319	-.00030	.00031	.05865	.00330	.05515
5.950	45.668	.00963	4.63182	1.40497	.02978	-.00315	-.00059	.00063	.05590	.00288	.05272
GRADIENT		.00027	-.00000	.03272	.00158	-.00004	-.00003	.00001	-.00036	-.00002	-.00034

AEDC VA474 (OAT7770) (826C9FTM7) (M118286) (V083)

(RTN093) (10 JAN 74)

REFERENCE DATA

BREF = 07.1860 60-IN. ZMP = 12.8230 INCHES
 LREF = 7.1820 INCHES YMP = .0000 INCHES
 BREF = 14.0320 INCHES ZMP = -.3730 INCHES
 SCALE = .0180

PARAMETRIC DATA

BETA = .000 ELEVTR = -40.000
 ALLROM = .000 BDFLAP = -11.700
 SPCBRK = 33.000 RUDDER = .000

RUN NO. 560/ 0 RN/L = .86 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.910	16.120	.00062	.86136	.26997	.01110	-.00192	-.00013	.00003	-.06324	.00439	.06077
0.910	20.180	.00102	.86136	.39343	.01660	-.00232	-.00029	.00002	.06312	.00437	.06072
0.910	23.260	.00143	.86136	.56723	.02311	-.00312	-.00020	.00019	.06314	.00428	.06084
0.910	30.310	.00138	.86136	.73421	.02836	-.00374	-.00042	.00013	.06394	.00391	.06290
0.910	35.406	.00136	.86136	.93529	.03155	-.00379	-.00047	.00017	.06620	.00388	.06223
0.910	40.472	.00145	.86136	1.13600	.03132	-.00314	-.00067	.00035	.06333	.00341	.05997
0.910	44.524	.00144	.86136	1.31417	.02996	-.00301	-.00073	.00040	.06601	.00281	.05898
GRADIENT		.00010	-.00000	.03083	.06135	-.00015	-.00004	-.00000	-.06003	-.00000	-.00001

RUN NO. 1710/ 0 RN/L = .84 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.930	16.145	.00015	.84166	.25150	.01363	-.00101	.00004	.00015	-.06216	.00102	.06110
0.930	20.174	.00037	.84166	.37373	.02131	-.00142	-.00003	.00019	.06310	.00101	.06204
0.930	25.253	.00061	.84166	.54534	.03059	-.00187	-.00011	.00024	.06412	.00069	.06348
0.930	30.274	.00071	.84166	.73358	.03724	-.00203	-.00017	.00034	.06577	.00056	.06320
0.930	35.400	.00027	.84166	.93797	.03972	-.00173	.00004	.00050	.06391	.00007	.06383
0.930	40.443	-.00047	.84166	1.14261	.03864	-.00230	.00062	.00060	.05997	-.00022	.06503
0.930	44.501	-.00080	.84166	1.31380	.03768	-.00222	.00084	.00074	.05692	-.00061	.05726
GRADIENT		.00005	.00000	.03034	.06191	-.00010	-.00002	.00001	-.06023	-.00000	.00023

AEDC VA-74 (0477/76) (826C97M7) (W116E26) (V083)

(RTN094) (10 JAN 74)

REFERENCE DATA

REF = 07.1800 INCHES YMRP = 12.8250 INCHES
 LREF = 7.1200 INCHES YMRP = .0000 INCHES
 REF = 14.0320 INCHES YMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 ALLROM = .000 BDFLAP = -11.700
 SPORK = 35.000 RUDDER = .000

RUN NO. 17/ 0 RM/L = 1.90 GRADIENT INTERVAL = 14.00/ 23.00

MACH	ALPHA	BETA	RM/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	16.109	.00043	1.90335	.31087	-.01041	-.00176	.00008	.00000	.05999	.00441	.05558
9.950	16.244	.00101	1.90335	.41134	-.01024	-.00210	-.00005	.00002	.05973	.00438	.05558
9.950	22.295	.00141	1.90335	.52036	-.01001	-.00210	-.00010	.00017	.05992	.00432	.05561
9.950	23.356	.00147	1.90335	.63738	-.01116	-.00236	-.00018	.00027	.05984	.00436	.05547
9.950	26.421	.00141	1.90335	.76236	-.01300	-.00304	-.00039	.00029	.05934	.00423	.05512
9.950	30.472	.00172	1.90335	.84874	-.01660	-.00303	-.00020	.00040	.05924	.00410	.05509
9.950	32.507	.00162	1.90335	.93734	-.02050	-.00313	-.00017	.00037	.05913	.00417	.05495
9.950	35.547	.00161	1.90335	1.07073	-.02769	-.00322	-.00018	.00038	.05835	.00421	.05406
9.950	37.732	.00166	1.90335	1.21070	-.03608	-.00328	-.00021	.00047	.05697	.00437	.05283
9.950	41.680	.00176	1.90335	1.34936	-.04713	-.00339	-.00025	.00052	.05512	.00372	.05126
9.950	44.747	.00178	1.90335	1.48436	-.05866	-.00380	-.00026	.00057	.05272	.00331	.04918
GRADIENT		.00016	.06000	.03434	.00057	-.00005	-.00004	.00003	-.00001	-.00001	.00000

AEDC VA474 (A477/74) (B26C87FMT) (N116ZER0) (V0RS)

(RTM053) (10 JAN 74)

REFERENCE DATA

REF * 07.1950 30.1in. ZMRP = 12.0830 INCHES
 REF * 7.1280 INCHES ZMRP = -0.0000 INCHES
 REF * 14.0380 INCHES ZMRP = -0.3930 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AIRLOW = .000 BCLAP = .000
 SFDRK = 99.000 RUDDER = .000

RUN NO. 470/ 0 RN/L = 4.62 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.950	19.775	.00203	4.62144	.23864	-.00899	-.00212	-.00008	.00003	.05956	.00403	.05473
9.950	17.000	.00333	4.62144	.33437	-.00950	-.00219	-.00014	.00008	.05929	.00403	.05447
9.950	18.000	.00449	4.62144	.40096	-.00912	-.00231	-.00027	.00016	.05898	.00403	.05416
9.950	21.000	.00604	4.62144	.47531	-.00865	-.00238	-.00046	.00020	.05818	.00403	.05436
9.950	23.000	.00659	4.62144	.54317	-.00850	-.00227	-.00056	.00022	.05936	.00403	.05473
9.950	25.000	.00747	4.62144	.61960	-.00923	-.00232	-.00065	.00032	.05945	.00403	.05463
9.950	27.000	.00809	4.62144	.69940	-.01008	-.00244	-.00050	.00033	.05936	.00403	.05474
9.950	29.000	.00615	4.62144	.78237	-.01332	-.00295	-.00046	.00033	.05944	.00403	.05462
9.950	31.000	.00585	4.62144	.86669	-.01684	-.00220	-.00052	.00039	.05937	.00403	.05455
9.950	33.000	.00622	4.62144	.95473	-.02131	-.00291	-.00051	.00033	.05948	.00403	.05465
9.950	35.000	.00620	4.62144	1.04403	-.02642	-.00258	-.00058	.00032	.05905	.00403	.05423
9.950	37.000	.00665	4.62144	1.13338	-.03244	-.00230	-.00069	.00040	.05834	.00403	.05351
9.950	39.000	.00668	4.62144	1.22356	-.03862	-.00234	-.00071	.00040	.05729	.00403	.05247
9.950	41.000	.00630	4.62144	1.31225	-.04530	-.00217	-.00071	.00038	.05581	.00403	.05099
9.950	43.000	.00589	4.62144	1.40133	-.05270	-.00187	-.00071	.00036	.05429	.00403	.04946
9.950	45.000	.00627	4.62144	1.48706	-.06013	-.00237	-.00074	.00035	.05245	.00403	.04763
9.950	46.387	.00595	4.62144	1.54747	-.06536	-.00213	-.00074	.00042	.05160	.00403	.04678
GRADIENT		.00652	.00000	.05465	.00004	-.00003	-.00007	.00003	.00001	-.00000	.00001

RUN NO. 740/ 0 RN/L = 3.54 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
9.000	19.256	-.00637	3.54212	.25915	-.00661	-.00222	-.00020	-.00046	.05542	.00233	.05306
9.000	20.492	.00194	3.54212	.42684	-.00494	-.00236	-.00036	-.00027	.05552	.00233	.05314
9.000	25.082	.00401	3.54212	.62270	-.00829	-.00240	-.00048	-.00033	.05660	.00227	.05449
9.000	30.810	.00444	3.54212	.84217	-.01021	-.00288	-.00032	-.00013	.05804	.00207	.05389
9.000	36.081	.00425	3.54212	1.07848	-.03442	-.00252	-.00037	-.00004	.05799	.00199	.05389
9.000	41.282	.00486	3.54212	1.31732	-.05430	-.00236	-.00055	.00010	.05608	.00171	.05416
9.000	46.406	.00693	3.54212	1.54510	-.07577	-.00240	-.00062	.00026	.05259	.00126	.05099
GRADIENT		.00048	.00000	.03273	.00020	-.00003	-.00003	-.00005	.00002	.00000	.00002



DATE 20 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474(OA77778) (B26C9F7M7) (W110E28) (V085)

(RTM096) (10 JAN 74)

REFERENCE DATA

SREF = 07.1980 IN. YMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0520 INCHES YMRP = -.3750 INCHES
 SCALE = .0150

BETA =
 AIRLOW =
 SPOBRK =

.000
 .000
 .000

PARAMETRIC DATA

RUN NO. 680/ 0 RN/L = 1.82 GRADIENT INTERVAL = 14.00/ 25.00

MACM	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
7.980	15.653	.00154	1.81814	.27127	-.00734	-.00108	-.00028	-.00008	.05631	.00208	.05420
7.980	20.260	.00203	1.81814	.41932	-.00608	-.00132	-.00041	-.00003	.05692	.00213	.05473
7.980	25.353	.00241	1.81814	.60788	-.00864	-.00159	-.00050	-.00003	.05765	.00210	.05550
7.980	30.437	.00208	1.81814	.82337	-.01694	-.00193	-.00039	-.00006	.05881	.00194	.05682
7.980	35.593	.00210	1.81814	1.04665	-.03077	-.00176	-.00046	-.00004	.05874	.00196	.05672
7.980	40.876	.00237	1.81814	1.27721	-.04918	-.00169	-.00061	.00015	-.00178	.00178	.05525
7.980	45.282	.00243	1.81814	1.48036	-.06749	-.00180	-.00066	.00021	.05458	.00131	.05350
GRADIENT		.00011	.00000	.03200	.00027	-.00005	-.00003	.00001	.00013	.00002	.00011

RUN NO. 1630/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACM	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.575	.00134	1.88782	.26899	-.00388	-.00139	-.00012	.00002	.05734	.00106	.05645
10.090	17.000	.00060	1.88782	.31036	-.00280	-.00090	-.00001	.00000	.05711	.00106	.05603
10.090	19.000	.00107	1.88782	.37557	-.00450	-.00106	-.00010	.00002	.05805	.00106	.05637
10.090	21.000	.00064	1.88782	.44413	-.00589	-.00078	-.00003	.00006	.05826	.00106	.05717
10.090	23.000	.00301	1.88782	.51862	-.00124	-.00154	-.00049	.00016	.05893	.00106	.05785
10.090	25.000	.00212	1.88782	.59665	-.00249	-.00152	-.00030	.00016	.05931	.00106	.05843
10.090	27.000	.00103	1.88782	.67853	-.00439	-.00118	-.00010	.00022	.05981	.00106	.05877
10.090	29.000	.00111	1.88782	.76404	-.00796	-.00132	-.00010	.00028	.06049	.00106	.05941
10.090	31.000	.00118	1.88782	.85444	-.01237	-.00138	-.00012	.00030	.06122	.00106	.06014
10.090	33.000	.00226	1.88782	.94620	-.01783	-.00193	-.00032	.00032	.06160	.00106	.06052
10.090	35.000	.00167	1.88782	1.04043	-.02490	-.00154	-.00024	.00041	.06160	.00106	.06052
10.090	37.000	.00301	1.88782	1.13514	-.03227	-.00202	-.00054	.00051	.06155	.00106	.06047
10.090	39.000	.00321	1.88782	1.23026	-.03996	-.00202	-.00061	.00058	.06099	.00106	.05991
10.090	41.000	.00341	1.88782	1.32534	-.04836	-.00211	-.00073	.00056	.06043	.00106	.05935
10.090	43.000	.00377	1.88782	1.42525	-.05717	-.00196	-.00073	.00069	.05957	.00106	.05849
10.090	44.997	.00377	1.88782	1.52179	-.06591	-.00226	-.00083	.00074	.05873	.00106	.05765
GRADIENT		.00016	-.00000	.03480	.00017	-.00003	-.00003	.00002	.00023	-.00000	.00023

(RTM097) (10 JAN 74)

AEDC VA47A(0A77770) (B26C9F7M7) (W10E26) (V0R5)

REFERENCE DATA

REF = 07.1500 50-IN. XMRP = 12.0250 INCHES
LREF = 7.1220 INCHES YMRP = .0000 INCHES
BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
AILRON = .000 BDFLAP = .000
SPDRK = 55.000 RUDDER = .000

RUN NO. 1070/ 0 RN/L = .49 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
7.000	15.660	.00046	.49031	.27543	-.01150	-.00060	-.00041	-.00007	.05860	.00124	.05720
7.000	20.203	.00067	.49031	.41884	-.01087	-.00141	-.00033	-.00003	.06120	.00138	.05974
7.000	25.240	.00073	.49031	.60367	-.01268	-.00178	-.00058	-.00002	.06387	.00145	.06235
7.000	30.280	.00082	.49031	.80734	-.01943	-.00243	-.00065	-.00006	.06571	.00148	.06420
7.000	35.258	.00097	.49031	1.02603	-.03193	-.00304	-.00081	-.00002	.06707	.00141	.06561
7.000	40.299	.00107	.49031	1.24780	-.04895	-.00390	-.00092	.00004	.06542	.00136	.06401
7.000	44.819	.00102	.49031	1.44207	-.06634	-.00357	-.00099	.00002	.06166	.00125	.06031
GRADIENT		.00094	.00000	.03157	.00014	-.00016	-.00003	.00000	.00057	.00003	.00054

RUN NO. 1000/ 0 RN/L = .56 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
9.000	16.105	.00043	.55557	.28670	-.00586	-.00108	-.00020	.00017	.06066	.00016	.06040
9.000	20.140	.00056	.55557	.41905	-.00408	-.00134	-.00029	.00026	.06339	.00074	.06261
9.000	25.187	.00072	.55557	.59911	-.00514	-.00197	-.00036	.00036	.06356	.00037	.06319
9.000	30.235	.00082	.55557	.81148	-.01233	-.00232	-.00043	.00055	.06517	.00028	.06490
9.000	35.292	.00089	.55557	1.03671	-.02584	-.00242	-.00032	.00073	.06647	.00005	.06645
9.000	40.313	.00071	.55557	1.26437	-.04394	-.00179	-.00049	.00086	.06375	-.00053	.06433
9.000	44.332	.00091	.55557	1.45246	-.05991	-.00192	-.00073	.00107	.06440	-.00069	.06489
GRADIENT		.00003	.00000	.03280	.00044	-.00006	-.00002	.00002	.00068	.00014	.00053

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8R5)

(RTND99) (10 JAN 74)

REFERENCE DATA

REF = 87.1560 30.IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

RUN NO. 1540/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	16.189	.00133	1.88776	.33395	-.03352	-.00107	-.00016	-.00016	.08576	.00094	.08479
10.090	20.271	.00207	1.88776	.49455	-.04631	-.00137	-.00029	-.00006	.07096	.00081	.07010
10.090	25.362	.00185	1.88776	.71983	-.07127	-.00164	-.00022	-.00016	.07921	.00074	.07841
10.090	30.461	.00212	1.88776	.97223	-.10124	-.00254	-.00020	.00000	.08811	.00060	.08747
10.090	35.599	.00155	1.88776	1.23923	-.13666	-.00259	-.00008	-.00029	.09344	.00035	.09306
10.090	40.726	.00252	1.88776	1.50322	-.16795	-.00287	-.00034	-.00003	.10193	-.00006	.10196
10.090	44.789	.00222	1.88776	1.72308	-.20298	-.00212	-.00039	.00068	.10535	-.00056	.10588
GRADIENT		.00016	.00000	.03915	-.00312	-.00007	-.00003	.00002	.00127	-.00003	.00129

PARAMETRIC DATA

BETA = .000 ELEVTR = 10.000
 AILRON = .000 BDFLAP = 10.300
 SPOBRK = 55.000 RUDDER = .000

REFERENCE DATA

REF = 87.1560 30.IN. XMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

AEDC VA474 (0A77/78) (B26C9F7M7) (W116E26) (V8R5)

(RTND99) (10 JAN 74)

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AILRON = .000 BDFLAP = -11.700
 SPOBRK = 55.000 RUDDER = .000

RUN NO. 1280/ 0 RN/L = 1.89 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.763	.00045	1.89140	.27837	-.00216	-.00063	-.00002	.00017	.05896	.00101	.05793
10.090	17.000	.00119	1.89140	.32251	.00077	-.00137	-.00009	.00019	.05874	.00101	.05770
10.090	18.000	.00142	1.89140	.38309	.00082	-.00113	-.00017	.00020	.05940	.00101	.05837
10.090	21.000	.00165	1.89140	.45135	.00173	-.00115	-.00023	.00031	.05967	.00101	.05864
10.090	23.000	.00201	1.89140	.52875	.00210	-.00134	-.00028	.00032	.06015	.00101	.05912
10.090	25.000	.00226	1.89140	.60597	.00163	-.00150	-.00033	.00036	.06066	.00101	.05963
10.090	27.000	.00168	1.89140	.68748	-.00080	-.00131	-.00023	.00036	.06092	.00101	.05989
10.090	29.000	.00232	1.89140	.77323	-.00369	-.00129	-.00039	.00039	.06155	.00101	.06032
10.090	31.000	.00192	1.89140	.86576	-.00618	-.00100	-.00034	.00045	.06243	.00101	.06140
10.090	33.000	.00168	1.89140	.95684	-.01154	-.00115	-.00032	.00051	.06242	.00101	.06139
10.090	35.000	.00179	1.89140	1.04966	-.01963	-.00108	-.00032	.00056	.06217	.00101	.06114
10.090	37.000	.00239	1.89140	1.14344	-.02285	-.00129	-.00031	.00066	.06187	.00101	.06083
10.090	39.000	.00320	1.89140	1.24174	-.03247	-.00152	-.00067	.00074	.06175	.00101	.06066
10.090	41.000	.00349	1.89140	1.37711	-.04305	-.00135	-.00080	.00089	.06093	.00101	.05990
10.090	43.000	.00362	1.89140	1.43798	-.05008	-.00165	-.00082	.00086	.06148	.00101	.05944
10.090	44.921	.00431	1.89140	1.52904	-.05814	-.00183	-.00104	.00094	.05976	.00101	.05873
GRADIENT		.00017	.00000	.03508	-.00034	-.00006	-.00003	.00002	.00021	-.00000	.00022

TABULATED SOURCE DATA, AEDC VA474

DATE 29 AUG 74

(RTN100) (10 JAN 74)

AEDC VA:74(OA77/78) (026C9F747) (W110E26) (V0R5)

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 ALLROM = .000 BDFLAP = .000
 SPCBRK = 99.000 RUDDER = .000

REFERENCE DATA

BREF = 07.1500 50.1M. XMRP = 12.0850 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.1520 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

RUN NO. 1260/ 0 RN/L = 1.00 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	16.260	.00140	1.87680	.29920	-.00329	-.00085	-.00022	.00010	.03854	.00081	.03773
10.090	20.374	.00149	1.87680	.44084	-.00136	-.00085	-.00023	.00027	.03947	.00071	.03874
10.090	25.475	.00184	1.87680	.64102	-.00432	-.00082	-.00032	.00042	.06055	.00050	.06005
10.090	30.630	.00183	1.87680	.87024	-.01487	-.00069	-.00036	.00048	.06181	.00027	.06148
10.090	35.740	.00252	1.87680	1.11342	-.03419	-.00066	-.00056	.00059	.06143	-.00010	.06140
10.090	40.865	.00352	1.87680	1.36819	-.05763	-.00134	-.00080	.00088	.06024	-.00048	.06032
10.090	44.972	.00303	1.87680	1.57666	-.07851	-.00086	-.00079	.00103	.05841	-.00039	.05911
10.090	GRADIENT	.00000	.00000	.03448	.00047	.00000	-.00000	.00002	.00023	-.00002	.00025

(RTN102) (10 JAN 74)

AECC VA474 (OA77/78) (B26C9F7M7) (W110E26) (V0R5)

REFERENCE DATA

1002P = 07.1900 INCHES
 1002F = 07.1900 INCHES
 1002P = 12.6250 INCHES
 1002F = 12.6250 INCHES
 1002P = 0.0000 INCHES
 1002F = 0.0000 INCHES
 1002P = 14.0320 INCHES
 1002F = 14.0320 INCHES
 1002P = 0.0150 INCHES
 1002F = 0.0150 INCHES

PARAMETRIC DATA

BETA	=	.000	ELEVTR	=	10.000
AILROW	=	.000	BDFLAP	=	10.300
SPDBRK	=	55.000	RUDDER	=	.000

RUN NO. 1330/ 0 RM/L = 1.00 GRADIENT INTERVAL = 14.05/ 25.00

[illegible]

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

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AEDC VA474 (0477/78) (826C97M7) (W110E26) (V083)

(RTN103) (10 JAN 74)

REFERENCE DATA

BREF = 87.1500 IN. XMRP = 12.0250 INCHES
 LREF = 7.1220 INCHES XMRP = .0000 INCHES
 BREF = 14.0320 INCHES XMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000 ELEVTR = .000
 AILRON = .000 BOFLAP = .000
 SPDRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 480/ 0 RN/L = 4.62 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
3.950	15.981	.00327	4.62168	.31252	-.00810	-.00239	-.00010	.00004	.05931	.00358	.05595
3.950	17.000	.00396	4.62168	.34483	-.00799	-.00261	-.00016	.00008	.05896	.00256	.05560
3.950	19.000	.00502	4.62168	.41108	-.00758	-.00256	-.00030	.00016	.05863	.00358	.05527
3.950	21.000	.00654	4.62168	.48134	-.00700	-.00274	-.00048	.00020	.05888	.00358	.05552
3.950	23.000	.00828	4.62168	.55375	-.00688	-.00237	-.00050	.00023	.05913	.00358	.05577
3.950	25.000	.00813	4.62168	.63288	-.00773	-.00223	-.00051	.00033	.05911	.00358	.05575
3.950	27.000	.00740	4.62168	.71314	-.00935	-.00356	-.00053	.00034	.05907	.00358	.05571
3.950	29.000	.00378	4.62168	.79528	-.01217	-.00294	-.00041	.00035	.05878	.00358	.05542
3.950	31.000	.00715	4.62168	.87921	-.01566	-.00288	-.00062	.00041	.05853	.00358	.05517
3.950	33.000	.00604	4.62168	.96679	-.02029	-.00285	-.00049	.00036	.05869	.00358	.05533
3.950	35.000	.00709	4.62168	1.05539	-.02553	-.00303	-.00064	.00036	.05822	.00358	.05486
3.950	37.000	.00700	4.62168	1.14439	-.03154	-.00269	-.00069	.00043	.05734	.00358	.05398
3.950	39.000	.00681	4.62168	1.23272	-.03784	-.00278	-.00068	.00038	.05611	.00358	.05275
3.950	41.000	.00649	4.62168	1.32078	-.04452	-.00262	-.00068	.00036	.05498	.00358	.05162
3.950	43.000	.00574	4.62168	1.40871	-.05168	-.00195	-.00068	.00036	.05363	.00358	.05027
3.950	45.000	.00635	4.62168	1.49550	-.05950	-.00256	-.00073	.00038	.05188	.00358	.04852
3.950	46.444	.00614	4.62168	1.55326	-.06542	-.00232	-.00075	.00043	.05058	.00358	.04722
GRADIENT		.00034	-.00000	.03548	.00009	.00002	-.00005	.00003	.00005	.00000	.00000

RUN NO. 790/ 0 RN/L = 3.53 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
8.000	15.725	.00278	3.53432	.26981	-.00622	-.00173	-.00017	-.00012	.05336	.00214	.05316
8.000	17.000	.00375	3.53432	.30613	-.00613	-.00227	-.00023	-.00015	.05327	.00214	.05308
8.000	19.000	.00508	3.53432	.37004	-.00573	-.00271	-.00037	-.00015	.05333	.00214	.05314
8.000	21.000	.00486	3.53432	.43995	-.00568	-.00220	-.00041	-.00009	.05383	.00214	.05365
8.000	23.000	.00548	3.53432	.51160	-.00649	-.00237	-.00048	-.00010	.05635	.00214	.05416
8.000	25.000	.00561	3.53432	.58845	-.00812	-.00246	-.00053	-.00009	.05693	.00214	.05475
8.000	27.000	.00581	3.53432	.66943	-.01074	-.00271	-.00052	-.00011	.05733	.00214	.05515
8.000	29.000	.00492	3.53432	.75345	-.01431	-.00303	-.00036	-.00020	.05782	.00214	.05564
8.000	31.000	.00492	3.53432	.84061	-.01871	-.00299	-.00038	-.00023	.05834	.00214	.05616
8.000	33.000	.00452	3.53432	.92912	-.02420	-.00244	-.00040	-.00018	.05858	.00214	.05640
8.000	35.000	.00492	3.53432	1.01977	-.03062	-.00279	-.00044	-.00018	.05831	.00214	.05613
8.000	37.000	.00432	3.53432	1.11111	-.03763	-.00265	-.00038	-.00016	.05801	.00214	.05583
8.000	39.000	.00443	3.53432	1.20249	-.04435	-.00265	-.00042	-.00014	.05771	.00214	.05553
8.000	41.000	.00374	3.53432	1.29277	-.05218	-.00232	-.00036	-.00012	.05680	.00214	.05462
8.000	43.000	.00453	3.53432	1.38296	-.06146	-.00239	-.00051	-.00004	.05591	.00214	.05362
8.000	45.000	.00403	3.53432	1.47152	-.06982	-.00187	-.00051	-.00006	.05457	.00214	.05239
8.000	45.926	.00469	3.53432	1.51575	-.07369	-.00245	-.00058	-.00008	.05400	.00214	.05182
GRADIENT		.00030	-.00000	.03440	-.00015	-.00003	-.00004	.00001	.00018	.00000	.00018

DATE 29 AUG 74

TABULATED SOURCE DATA, AEDC VA474

(RTN104) (10 JAN 74)

AEDC VA474 (OAT77/76) (B26C977M7) (W116E26) (V0R5)

PARAMETRIC DATA

REFERENCE DATA

MACH = 10.090
 REF = 07.1960 IN. KMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

BETA = .000
 ELEVTR = .000
 AILRON = .000
 BDFLAP = .000
 SPDGRK = 55.000
 RUDDER = .000

RUN NO. 1270/ 0 RN/L = 1.00 GRADIENT INTERVAL = 14.00/ 25.00

MACH	ALPHA	BETA	RN/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
10.090	15.727	.00233	1.88263	.29056	-.00413	-.00084	-.00052	.00012	-.05799	.00066	.05723
10.090	17.000	.00194	1.88263	.32621	-.00313	-.00035	-.00038	.00008	-.05790	.00066	.05718
10.090	19.000	.00290	1.88263	.39816	-.00207	-.00075	-.00035	.00017	-.05837	.00066	.05763
10.090	21.000	.00347	1.88263	.46688	-.00293	-.00073	-.00068	.00025	-.05837	.00066	.05763
10.090	23.000	.00385	1.88263	.54384	-.00269	-.00083	-.00076	.00029	-.05893	.00066	.05819
10.090	25.000	.00303	1.88263	.62531	-.00427	-.00037	-.00062	.00021	-.05937	.00066	.05864
10.090	27.000	.00290	1.88263	.70815	-.00707	-.00064	-.00060	.00019	-.05989	.00066	.05916
10.090	29.000	.00227	1.88263	.79636	-.01181	-.00044	-.00048	.00019	-.06035	.00066	.05962
10.090	31.000	.00296	1.88263	.88878	-.01624	-.00073	-.00063	.00029	-.06098	.00066	.06024
10.090	33.000	.00237	1.88263	.98326	-.02337	-.00062	-.00051	.00028	-.06127	.00066	.06053
10.090	35.000	.00356	1.88263	1.07879	-.03143	-.00052	-.00071	.00036	-.06118	.00066	.06044
10.090	37.000	.00392	1.88263	1.17672	-.03766	-.00035	-.00095	.00047	-.06088	.00066	.06014
10.090	39.000	.00252	1.88263	1.27161	-.04323	-.00015	-.00069	.00075	-.05996	.00066	.05922
10.090	41.000	.00396	1.88263	1.37145	-.05793	-.00054	-.00102	.00083	-.05948	.00066	.05875
10.090	43.000	.00377	1.88263	1.47240	-.06629	-.00071	-.00098	.00085	-.05886	.00066	.05812
10.090	45.000	.00349	1.88263	1.57117	-.07769	-.00121	-.00088	.00091	-.05795	.00066	.05721
10.090	47.000	.00313	1.88263	.03608	-.00000	-.00005	-.00003	.00002	-.00015	.00000	.00015

GRADIENT

AEDC VA474(0477/76) (B26C9F7M7) (M18E26) (V0R5)

(RTN135) (10 JAN 74)

REFERENCE DATA

BREF = 07.1960 50.1M. YMRP = 12.6250 INCHES
 LREF = 7.1220 INCHES YMRP = -.0900 INCHES
 BREF = 14.0320 INCHES YMRP = -.3750 INCHES
 SCALE = .0190

BETA = .000 CLEVTR = .000
 AILRON = .000 BDFLAP = .000
 SFOBRK = 55.000 RUDDER = .000

PARAMETRIC DATA

RUN NO. 1230/ 0 RN/L = 1.72 GRADIENT INTERVAL = -.5.00/ 5.00

MACH	ALPHA	BETA	RN/L	CM	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-2.617	-0.0061	1.72403	-0.09203	-0.02879	-0.00149	.00035	-0.00009	.08447	.00174	.08267
0.000	-2.000	.00069	1.72403	-0.08350	-0.02919	-0.00282	.00016	-0.00008	.08204	.00174	.08024
0.000	.000	-0.0034	1.72403	-0.05299	-0.02609	-0.01152	.00028	-0.00012	.07684	.00174	.07594
0.000	2.000	-0.0069	1.72403	-0.02295	-0.02322	-0.00049	.00024	-0.00011	.07315	.00174	.07135
0.000	4.000	-0.0056	1.72403	.00667	-0.01932	-0.00084	.00025	-0.00014	.06967	.00174	.06787
0.000	6.000	-0.0074	1.72403	.04484	-0.01621	-0.00045	.00025	-0.00013	.06575	.00174	.06396
0.000	8.000	-0.0019	1.72403	.08360	-0.01333	-0.00088	.00016	-0.00010	.06349	.00174	.06160
0.000	10.000	-0.0023	1.72403	.12632	-0.01111	-0.00043	.00011	-0.00003	.06177	.00174	.05997
0.000	12.000	-0.0027	1.72403	.17387	-0.00907	-0.00031	.00003	-0.00005	.06057	.00174	.05878
0.000	0.000	.00086	1.72403	.22938	-0.00863	-0.00053	-0.00017	.00010	.05943	.00173	.05764
0.000	16.000	.00066	1.72403	.28854	-0.00805	-0.00067	-0.00010	.00009	.05889	.00173	.05710
0.000	18.000	.00070	1.72403	.35012	-0.00699	-0.00066	-0.00012	.00008	.05871	.00173	.05694
0.000	20.000	.00102	1.72403	.41558	-0.00645	-0.00073	-0.00020	.00015	.05873	.00173	.05694
0.000	22.000	.00090	1.72403	.48449	-0.00697	-0.00053	-0.00020	.00020	.05842	.00173	.05662
0.000	24.000	.00099	1.72403	.55612	-0.00807	-0.00068	-0.00021	.00020	.05837	.00173	.05658
0.000	26.000	-0.00083	1.72403	.63245	-0.01037	-0.00168	.00004	.00022	.05869	.00173	.05690
0.000	28.925	.00109	1.72403	.67221	-0.01061	-0.00062	-0.00025	.00025	.05838	.00173	.05669
GRADIENT*		-0.0010	.00000	.01522	.00149	.00024	-0.00009	-0.00001	-0.00220	-0.00000	-0.00220

(RTN233) (10 JAN 74)

AEDC VA474(OAT77/78) (B26C9F7M7) (W116E2E6) (V0R3)

REFERENCE DATA

SREF = 07.1900 SQ-IN. XMRP = 12.8250 INCHES
 LREF = 7.1820 INCHES YMRP = .0000 INCHES
 BREF = 14.0320 INCHES ZMRP = -.3750 INCHES
 SCALE = .0150

PARAMETRIC DATA

BETA = .000 ELEVTR = .000
 AIRLON = .000 BDFLAP = .000
 SPDRK = 55.000 RUDDER = .000

RUN NO. 1240/ 0 RM/L = .45 GRADIENT INTERVAL = -.5.00/ 5.00

MACH	ALPHA	BETA	RM/L	CN	CLM	CY	CYN	CBL	CA	CAB	CAF
0.000	-2.340	-0.0016	.45380	-.09137	-.02983	-.00026	.00020	-.00015	.08747	.00090	.08646
0.000	-2.000	-0.0090	.45380	-.08857	-.03172	.00287	.00067	-.00019	.08687	.00090	.08587
0.000	.000	-0.0007	.45380	-.06155	-.02859	-.00045	-.00002	-.00015	.06427	.00089	.08327
0.000	2.000	-0.0027	.45380	-.01932	-.02415	.00141	.00011	-.00014	.07897	.00089	.07798
0.000	4.000	-0.0009	.45380	.01446	-.02202	.00096	-.00002	-.00012	.07619	.00088	.07320
0.000	6.000	-0.0002	.45380	.05191	-.01962	.00022	-.00005	-.00010	.07375	.00088	.07277
0.000	8.000	-0.0006	.45380	.09292	-.01842	.00077	-.00003	-.00007	.07183	.00087	.07085
0.000	10.000	.00003	.45380	.13577	-.01483	.00045	-.00008	-.00002	.07135	.00087	.07037
0.000	12.000	-0.0005	.45380	.18858	-.01192	.00125	-.00010	.00006	.06998	.00086	.06901
0.000	14.000	.00046	.45380	.24399	-.01232	-.00044	-.00044	.00011	.06961	.00086	.06865
0.000	16.000	.00017	.45380	.30344	-.01272	.00077	-.00029	.00016	.06940	.00085	.06844
0.000	18.000	.00023	.45380	.36755	-.01228	.00034	-.00030	.00016	.06944	.00085	.06848
0.000	20.000	.00014	.45380	.43527	-.01232	.00082	-.00026	.00024	.06896	.00084	.06801
0.000	22.000	.00035	.45380	.50527	-.01278	.00096	-.00041	.00023	.06855	.00083	.06760
0.000	24.000	.00038	.45380	.57986	-.01340	.00090	-.00044	.00032	.06764	.00083	.06670
0.000	26.000	.00028	.45380	.65299	-.01585	.00047	-.00039	.00035	.06861	.00082	.06768
0.000	28.420	.00025	.45380	.68397	-.01557	.00005	-.00031	.00033	.06788	.00082	.06695
GRADIENT		.00006	.00000	.01665	.00142	.00001	-.00007	.00001	-.00180	-.00000	-.00180